

(FILE 'HOME' ENTERED AT 09:02:13 ON 13 JAN 2005)

FILE 'STNGUIDE' ENTERED AT 09:02:45 ON 13 JAN 2005

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:03:51 ON 13 JAN 2005

L1        131 SEA PLU=ON (STAPHYLOCOCCUS OR AUREUS) AND (23S OR 5S) AND  
            (INTERGENIC OR SPACER)

L2        38 SEA PLU=ON L1 AND PY<1998

L3        17 DUP REM L2 (21 DUPLICATES REMOVED)

            D TI 1-17

            D IBIB AB 16 11 9 4 3

FILE 'STNGUIDE'

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	143	(aureus or staphylococcus) and (5s! with 23s!)	US-PGPUB; USPAT	OR	ON	2005/01/13 09:36
L2	4	(aureus or staphylococcus) same (5s! with 23s!)	US-PGPUB; USPAT	OR	ON	2005/01/13 09:37
L3	32	(aureus or staphylococcus) and ((5s! with 23s!) same (intergenic or spacer))	US-PGPUB; USPAT	OR	ON	2005/01/13 09:39
L4	32	(aureus or staphylococcus) and ((5s! with 23s!) same (intergenic or spacer or nontranscribed or untranscribed))	US-PGPUB; USPAT	OR	ON	2005/01/13 09:40

O'Bryen, Barbara

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**From:** Switzer, Juliet  
**Sent:** Thursday, January 13, 2005 10:54 AM  
**To:** O'Bryen, Barbara  
**Subject:** search request

please search for 09/463209

I need an oligomer search of nucleic acids containing at least 10 nucleotides of positions 54-83 or positions 100-166 of seq id no 1. Please limit the hits to records that have 100 or fewer nucleotides. I need to see all hits with 10 or more nucleotides. Do this search in ONLY prior art databases.

please search seq id no 1, 2, 3, and 4 in US patents, pgpubs and interfernece files.

please return results on disk.

thanks.

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 00:43:51 ; Search time 13.4224 Seconds  
(without alignments)  
953.197 Million cell update /sec

Title: US-09-463-209D-2  
Perfect score: 18  
Sequence: 1 gtggaagcatggtgacat 18

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:  
1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq:\*

2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq:\*

3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq:\*

4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq:\*

5: /cgn2\_6/ptodata/1/ina/PCTUS\_COMB.seq:\*

6: /cgn2\_6/ptodata/1/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	No.	Score	Query				Description
			Match	Length	DB	ID	
<hr/>							
	1	18	100.0	77	4	US-08-956-171E-4944	Sequence 4944, Ap
	2	18	100.0	77	4	US-08-781-986A-4944	Sequence 4944, Ap
	3	18	100.0	149	4	US-08-956-171E-4725	Sequence 4725, Ap
	4	18	100.0	149	4	US-08-781-986A-4725	Sequence 4725, Ap
c	5	18	100.0	184	4	US-08-956-171E-4751	Sequence 4751, Ap
c	6	18	100.0	184	4	US-08-781-986A-4751	Sequence 4751, Ap
	7	18	100.0	257	4	US-08-956-171E-4502	Sequence 4502, Ap
	8	18	100.0	257	4	US-08-781-986A-4502	Sequence 4502, Ap
c	9	18	100.0	283	4	US-08-956-171E-4460	Sequence 4460, Ap
c	10	18	100.0	283	4	US-08-781-986A-4460	Sequence 4460, Ap
	11	18	100.0	295	4	US-08-956-171E-4440	Sequence 4440, Ap

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12	18	100.0	295	4	US-08-781-986A-4440	Sequence 4440, Ap
c 13	18	100.0	306	4	US-08-956-171E-4548	Sequence 4548, Ap
c 14	18	100.0	306	4	US-08-781-986A-4548	Sequence 4548, Ap
c 15	18	100.0	325	4	US-08-956-171E-4226	Sequence 4226, Ap
c 16	18	100.0	325	4	US-08-781-986A-4226	Sequence 4226, Ap
c 17	18	100.0	338	4	US-08-956-171E-4246	Sequence 4246, Ap
c 18	18	100.0	338	4	US-08-781-986A-4246	Sequence 4246, Ap
c 19	18	100.0	340	4	US-08-956-171E-4195	Sequence 4195, Ap
c 20	18	100.0	340	4	US-08-781-986A-4195	Sequence 4195, Ap
c 21	18	100.0	367	4	US-08-956-171E-4059	Sequence 4059, Ap
c 22	18	100.0	367	4	US-08-781-986A-4059	Sequence 4059, Ap
23	18	100.0	380	4	US-08-956-171E-4075	Sequence 4075, Ap
24	18	100.0	380	4	US-08-781-986A-4075	Sequence 4075, Ap
c 25	18	100.0	386	4	US-08-956-171E-4064	Sequence 4064, Ap
c 26	18	100.0	386	4	US-08-781-986A-4064	Sequence 4064, Ap
c 27	18	100.0	400	4	US-08-956-171E-3611	Sequence 3611, Ap
c 28	18	100.0	400	4	US-08-956-171E-3620	Sequence 3620, Ap
c 29	18	100.0	400	4	US-08-956-171E-3624	Sequence 3624, Ap
c 30	18	100.0	400	4	US-08-956-171E-3634	Sequence 3634, Ap
c 31	18	100.0	400	4	US-08-956-171E-3638	Sequence 3638, Ap
c 32	18	100.0	400	4	US-08-956-171E-3670	Sequence 3670, Ap
c 33	18	100.0	400	4	US-08-956-171E-3675	Sequence 3675, Ap
c 34	18	100.0	400	4	US-08-956-171E-3700	Sequence 3700, Ap
35	18	100.0	400	4	US-08-956-171E-3708	Sequence 3708, Ap
c 36	18	100.0	400	4	US-08-956-171E-3719	Sequence 3719, Ap
c 37	18	100.0	400	4	US-08-956-171E-3738	Sequence 3738, Ap
c 38	18	100.0	400	4	US-08-956-171E-3748	Sequence 3748, Ap
c 39	18	100.0	400	4	US-08-956-171E-3768	Sequence 3768, Ap
c 40	18	100.0	400	4	US-08-956-171E-3803	Sequence 3803, Ap
41	18	100.0	400	4	US-08-956-171E-3858	Sequence 3858, Ap
c 42	18	100.0	400	4	US-08-956-171E-3866	Sequence 3866, Ap
43	18	100.0	400	4	US-08-956-171E-3972	Sequence 3972, Ap
c 44	18	100.0	400	4	US-08-781-986A-3611	Sequence 3611, Ap
c 45	18	100.0	400	4	US-08-781-986A-3620	Sequence 3620, Ap

## ALIGNMENTS

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 00:43:51 ; Search time 17.1509 Seconds  
(without alignmer s)  
953.197 Million call updates/sec

Title: US-09-463-209D-3

Perfect score: 23

Sequence: 1 taagtaaaagtgatttgcttcg 23

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 164914

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq:\*

2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq:\*

3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq:\*

4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq:\*

5: /cgn2\_6/ptodata/1/ina/PCTUS\_COMB.seq:\*

6: /cgn2\_6/ptodata/1/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

%

Result	Query					Description
No.	Score	Match	Length	DB	ID	
<hr/>						
1	23	100.0	242	4	US-08-956-171E-4538	Sequence 4538, Ap
2	23	100.0	242	4	US-08-781-986A-4538	Sequence 4538, Ap
3	23	100.0	283	4	US-08-956-171E-4460	Sequence 4460, Ap
4	23	100.0	283	4	US-08-781-986A-4460	Sequence 4460, Ap
5	23	100.0	325	4	US-08-956-171E-4226	Sequence 4226, Ap
6	23	100.0	325	4	US-08-781-986A-4226	Sequence 4226, Ap
7	23	100.0	338	4	US-08-956-171E-4246	Sequence 4246, Ap
8	23	100.0	338	4	US-08-781-986A-4246	Sequence 4246, Ap
9	23	100.0	340	4	US-08-956-171E-4195	Sequence 4195, Ap
10	23	100.0	340	4	US-08-781-986A-4195	Sequence 4195, Ap
11	23	100.0	348	4	US-08-956-171E-4175	Sequence 4175, Ap
12	23	100.0	348	4	US-08-781-986A-4175	Sequence 4175, Ap

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13	23	100.0	367	4	US-08-956-171E-4059	quence 4059, Ap
14	23	100.0	367	4	US-08-781-986A-4059	quence 4059, Ap
15	23	100.0	371	4	US-08-956-171E-4118	quence 4118, Ap
16	23	100.0	371	4	US-08-781-986A-4118	quence 4118, Ap
17	23	100.0	386	4	US-08-956-171E-4064	quence 4064, Ap
18	23	100.0	386	4	US-08-781-986A-4064	quence 4064, Ap
19	23	100.0	400	4	US-08-956-171E-3611	quence 3611, Ap
20	23	100.0	400	4	US-08-956-171E-3624	quence 3624, Ap
21	23	100.0	400	4	US-08-956-171E-3634	quence 3634, Ap
22	23	100.0	400	4	US-08-956-171E-3638	quence 3638, Ap
23	23	100.0	400	4	US-08-956-171E-3670	quence 3670, Ap
24	23	100.0	400	4	US-08-956-171E-3675	quence 3675, Ap
25	23	100.0	400	4	US-08-956-171E-3719	quence 3719, Ap
26	23	100.0	400	4	US-08-956-171E-3738	quence 3738, Ap
27	23	100.0	400	4	US-08-956-171E-3748	quence 3748, Ap
28	23	100.0	400	4	US-08-956-171E-3768	quence 3768, Ap
29	23	100.0	400	4	US-08-956-171E-3803	quence 3803, Ap
30	23	100.0	400	4	US-08-956-171E-3866	quence 3866, Ap
31	23	100.0	400	4	US-08-956-171E-3934	quence 3934, Ap
32	23	100.0	400	4	US-08-781-986A-3611	quence 3611, Ap
33	23	100.0	400	4	US-08-781-986A-3624	quence 3624, Ap
34	23	100.0	400	4	US-08-781-986A-3634	quence 3634, Ap
35	23	100.0	400	4	US-08-781-986A-3638	quence 3638, Ap
36	23	100.0	400	4	US-08-781-986A-3670	quence 3670, Ap
37	23	100.0	400	4	US-08-781-986A-3675	quence 3675, Ap
38	23	100.0	400	4	US-08-781-986A-3719	quence 3719, Ap
39	23	100.0	400	4	US-08-781-986A-3738	quence 3738, Ap
40	23	100.0	400	4	US-08-781-986A-3748	quence 3748, Ap
41	23	100.0	400	4	US-08-781-986A-3768	quence 3768, Ap
42	23	100.0	400	4	US-08-781-986A-3803	quence 3803, Ap
43	23	100.0	400	4	US-08-781-986A-3866	quence 3866, Ap
44	23	100.0	400	4	US-08-781-986A-3934	quence 3934, Ap
45	23	100.0	401	4	US-08-956-171E-3731	quence 3731, Ap

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:22:02 ; Search time 1188.73 Seconds  
(without alignments)  
2665.369 Million cell updates/sec

Title: US-09-463-209D-1\_COPY\_100\_166

Perfect score: 67

Sequence: 1 gaagacttaatcaaaataaa.....ttactatcttagtttgaatg 67

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 4526729 seqs, 23644849745 residues

Word size : 10

Total number of hits satisfying chosen parameters: 3039

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : GenEmbl:  
1: gb\_ba:  
2: gb\_htg:  
3: gb\_in:  
4: gb\_om:  
5: gb\_ov:  
6: gb\_pat:  
7: gb\_ph:  
8: gb\_pl:  
9: gb\_pr:  
10: gb\_ro:  
11: gb\_sts:  
12: gb\_sy:  
13: gb\_un:  
14: gb\_vi:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	Query					Description
	No.	Score	Match	Length	DB ID	
<hr/>						
1	56	83.6	64	6	AX107642	AX107642 Sequence
2	30	44.8	50	6	AR359000	AR359000 Sequence
3	30	44.8	50	6	BD080386	BD080386 Nucleic a

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	4	30	44.8	51	6	AR358976	AR358976 Sequence
	5	28	41.8	33	6	AX107605	AX107605 Sequence
c	6	28	41.8	84	6	AR358784	AR358784 Sequence
	7	26	38.8	60	6	AR359001	AR359001 Sequence
	8	26	38.8	60	6	BD080387	BD080387 Nucleic a
c	9	23	34.3	23	6	AX000627	AX000627 Sequence
c	10	23	34.3	23	6	BD080379	BD080379 Nucleic a
c	11	20	29.9	20	6	AX000628	AX000628 Sequence
c	12	20	29.9	20	6	BD080380	BD080380 Nucleic a
c	13	15	22.4	35	6	AR404461	AR404461 Sequence
	14	15	22.4	99	6	AX905356	AX905356 Sequence
	15	15	22.4	99	6	BD040889	BD040889 Sequence
	16	14	20.9	21	6	AR120054	AR120054 Sequence
	17	14	20.9	21	6	I13850	I13850 Sequence 58
c	18	14	20.9	43	6	AX383937	AX383937 Sequence
c	19	14	20.9	51	6	CQ002363	CQ002363 Sequence
	20	14	20.9	82	9	HUMGPIAS10	D49723 Homo sapien
	21	14	20.9	84	6	BD246507	BD246507 De elopme
c	22	14	20.9	100	10	RNU12531	U12531 Rattus norv
c	23	13	19.4	17	6	AR190397	AR190397 Sequence
c	24	13	19.4	17	6	AR325328	AR325328 Sequence
	25	13	19.4	19	6	AX130314	AX130314 Sequence
	26	13	19.4	19	6	AX130315	AX130315 Sequence
	27	13	19.4	19	6	AX130316	AX130316 Sequence
	28	13	19.4	19	6	AX130317	AX130317 Sequence
	29	13	19.4	20	6	AR297321	AR297321 Sequence
	30	13	19.4	24	6	AX289601	AX289601 Sequence
c	31	13	19.4	25	6	AR491718	AR491718 Sequence
c	32	13	19.4	25	6	AX057442	AX057442 Sequence
c	33	13	19.4	26	6	AX383941	AX383941 Sequence
c	34	13	19.4	28	6	AR014026	AR014026 Sequence
c	35	13	19.4	28	6	I21976	I21976 Sequence 62
	36	13	19.4	48	6	AR142488	AR142488 Sequence
	37	13	19.4	48	6	BD070438	BD070438 Phosphate
	38	13	19.4	51	6	AX204273	AX204273 Sequence
c	39	13	19.4	57	6	BD233868	BD233868 I al met
c	40	13	19.4	57	6	AX025289	AX025289 Sequence
	41	13	19.4	65	6	CQ559969	CQ559969 Sequence
	42	13	19.4	65	6	AX485236	AX485236 Sequence
	43	13	19.4	77	3	SLSTEL11	X72141 S.1 ae su
	44	13	19.4	77	3	SLSTEL52	X72292 S.1 ae su
	45	13	19.4	79	8	AY198660	AY198660 P.1 idops
c	46	13	19.4	81	6	AX903889	AX903889 Sequence
c	47	13	19.4	81	6	BD039422	BD039422 Sequence
c	48	13	19.4	90	6	AX901626	AX901626 Sequence
c	49	13	19.4	90	6	BD037159	BD037159 Sequence
c	50	13	19.4	92	6	AX904091	AX904091 Sequence
c	51	13	19.4	92	6	BD039624	BD039624 Sequence
c	52	13	19.4	96	6	AX283219	AX283219 Sequence
c	53	13	19.4	97	6	AX283225	AX283225 Sequence
	54	13	19.4	100	6	AX989474	AX989474 Sequence
c	55	13	19.4	100	6	AX990418	AX990418 Sequence
c	56	13	19.4	100	6	AX990419	AX990419 Sequence
c	57	13	19.4	100	6	AX996987	AX996987 Sequence
c	58	12	17.9	17	6	AX383942	AX383942 Sequence
	59	12	17.9	18	6	AR019631	AR019631 Sequence
	60	12	17.9	19	6	AX130313	AX130313 Sequence

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61	12	17.9	20	6	AR092958	AR092958	S	ence
62	12	17.9	20	6	AR312590	AR312590	S	ence
63	12	17.9	20	6	AR359460	AR359460	S	ence
c 64	12	17.9	20	6	AX000629	AX000629	S	ence
c 65	12	17.9	20	6	BD080381	BD080381	I	elic a
c 66	12	17.9	22	6	AR014042	AR014042	S	ence
c 67	12	17.9	22	6	I21992	I21992	S	erce
c 68	12	17.9	22	6	AR228278	AR228278	S	ence
c 69	12	17.9	22	6	AX393461	AX393461	S	ence
70	12	17.9	23	8	ACE391683	AJ391683	S	um ce
c 71	12	17.9	24	6	AX164386	AX164386	S	ence
72	12	17.9	25	6	AX393511	AJ3511	S	nce
c 73	12	17.9	26	6	AR096182	AR096182	S	nce
74	12	17.9	26	6	BD229976	BD229976	I	a com
c 75	12	17.9	26	6	AR210581	AR210581	S	ence
c 76	12	17.9	27	6	AX115898	AX115898	S	ence
c 77	12	17.9	28	9	HSA241962	AJ241962	S	sapi
c 78	12	17.9	29	6	BD097143	BD097143	S	body
c 79	12	17.9	30	6	AR096135	AR096135	S	nce
c 80	12	17.9	30	6	AR210534	AJ210534	S	nce
81	12	17.9	30	6	AX793711	AX793711	S	nce
c 82	12	17.9	31	6	AX057532	AJ7532	S	nce
83	12	17.9	31	6	AX248025	AJ8025	S	nce
84	12	17.9	32	6	CQ778960	CQ8960	S	ence
c 85	12	17.9	35	6	A02281	AJ81	Sy	tic o
c 86	12	17.9	39	6	AX354710	AX354710	S	ence
87	12	17.9	40	6	BD186519	BD186519	I	od of
c 88	12	17.9	41	6	AX518143	AX518143	S	nce
89	12	17.9	42	8	ATH532365	AJ532365	I	dops
90	12	17.9	43	6	AX483584	AJ483584	I	dops
91	12	17.9	45	11	BX467121	BX467121	I	dops
92	12	17.9	47	6	AR288341	AJ8341	S	nce
c 93	12	17.9	47	6	AR288604	AJ852	S	nce
c 94	12	17.9	47	6	AR291122	AJ1122	S	nce
95	12	17.9	47	8	AJ718981	AJ718981	S	jana
c 96	12	17.9	51	1	SHFAMP03	K1458	S	i be
97	12	17.9	51	6	CQ004021	CQ004021	S	nce
c 98	12	17.9	51	6	CQ004971	CQ004971	S	nce
c 99	12	17.9	51	6	CQ006978	CQ006978	S	nce
c 100	12	17.9	51	6	AX157063	AJ7063	S	nce
c 101	12	17.9	51	6	AX157064	AJ7064	S	nce
102	12	17.9	51	6	AX160945	AJ60945	S	nce
103	12	17.9	51	6	AX190382	AJ190382	S	nce
c 104	12	17.9	51	6	AX190382	AJ190382	S	nce
105	12	17.9	51	6	AX190383	AJ190383	S	nce
c 106	12	17.9	52	6	AR355954	AJ355954	S	nce
c 107	12	17.9	55	8	ATH521338	AJ21338	I	dops
108	12	17.9	59	6	AX187697	AJ87697	S	nce
109	12	17.9	60	6	CQ537727	CQ537727	S	nce
110	12	17.9	60	6	CQ538210	CQ538210	S	nce
111	12	17.9	60	6	CQ549751	CQ549751	S	nce
112	12	17.9	62	8	ATH522616	AJ522616	I	dops
c 113	12	17.9	62	8	ATH529265	AJ529265	I	dops
c 114	12	17.9	65	6	AX283231	AJ382	S	nce
c 115	12	17.9	65	6	AX485446	AJ485446	S	nce
116	12	17.9	65	6	AX485800	AJ485800	S	nce
c 117	12	17.9	65	6	AX486180	AJ486180	S	nce

# BEST AVAILABLE COPY

118	12	17.9	67	3	S54402	S 1402 {3	region,
c 119	12	17.9	67	6	AR141384	A 11381	equence
120	12	17.9	70	6	AX827177	A 827177	qu nce
c 121	12	17.9	76	6	BD096144	B 0961	proved
c 122	12	17.9	76	11	BX295666	B 295666	rabidops
c 123	12	17.9	77	6	AX283230	A 283230	quence
c 124	12	17.9	77	11	BX295664	B 295664	rabidops
125	12	17.9	83	1	LL23S5S1	X 3763 L.	ctis 23
126	12	17.9	83	3	DDI5ACTIN	M 5213 Di	ysteli
127	12	17.9	83	6	AR478022	A 78022	quence
128	12	17.9	83	6	AX074215	A 74215	quence
c 129	12	17.9	83	9	AY398609	AY 98609	ori l g
130	12	17.9	84	6	AX799280	A 799280	quence
c 131	12	17.9	84	9	AF267782	A 267782	mo sapi
c 132	12	17.9	86	6	AR096179	A 096179	quence
c 133	12	17.9	86	6	AR210578	A 210578	quence
c 134	12	17.9	86	8	PETCABA	M 61 Pe	an a chl
135	12	17.9	87	6	AX073616	A 73616	quence
136	12	17.9	87	6	AX073617	A 73617	quence
137	12	17.9	89	9	HSNL2030R	X 751 H.	ppins g
138	12	17.9	90	6	AR151446	A 151446	quence
139	12	17.9	90	6	CQ644688	C 644688	quence
140	12	17.9	90	6	AR341319	A 341319	quence
141	12	17.9	90	6	AX900608	A 900608	quence
142	12	17.9	90	6	BD036141	B 036141	quence
c 143	12	17.9	91	6	AR096132	A 096132	quence
c 144	12	17.9	91	6	AR210531	A 210531	quence
c 145	12	17.9	93	6	AX283224	A 283224	quence
146	12	17.9	93	6	AX482095	A 482095	quence
147	12	17.9	93	6	AX511334	A 511334	quence
148	12	17.9	93	6	AX721695	A 721695	quence
c 149	12	17.9	95	6	AX283223	A 283223	quence
c 150	12	17.9	95	6	AX283234	A 283234	quence
c 151	12	17.9	95	6	AX283235	A 283235	quence
c 152	12	17.9	96	6	AX134505	A 134505	quence
c 153	12	17.9	96	6	AX283220	A 283220	quence
c 154	12	17.9	98	6	AX283222	A 283222	quence
155	12	17.9	100	6	CQ001338	C 001338	quence
156	12	17.9	100	6	AX994895	A 994895	quence
157	12	17.9	100	6	AX994896	A 994896	quence
c 158	12	17.9	100	6	AX996986	A 996986	quence
c 159	12	17.9	100	6	AX998472	A 998472	nce
160	12	17.9	100	6	AX999014	A 999014	nce
161	11	16.4	11	6	CQ833221	C 833221	quence
c 162	11	16.4	15	6	I35116	I 35116	ence 84
c 163	11	16.4	15	6	I35117	I 35117	ence 85
164	11	16.4	16	6	AR436095	A 436095	ence
c 165	11	16.4	16	6	AX383912	A 383912	ence
166	11	16.4	17	6	AX214751	A 214751	ence
167	11	16.4	17	6	AX214752	A 214752	ence
168	11	16.4	17	6	AX214753	A 214753	nce
169	11	16.4	17	6	AX216458	A 216458	nce
170	11	16.4	17	6	AX216713	A 216713	nce
171	11	16.4	17	6	AX578926	A 578926	ience
172	11	16.4	17	6	AX579651	AX579651	ience
173	11	16.4	17	6	AX579860	A 579860	ience
c 174	11	16.4	17	6	AX674806	AX674806	ience

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175	11	16.4	17	6	AX739169		nce
c 176	11	16.4	18	6	A27223	A27223	Sy 1 ic r
c 177	11	16.4	18	6	AR052631	AR051631	ce nce
178	11	16.4	19	6	AR292496	AR291196	uce
c 179	11	16.4	19	6	AR297065	AR29705	nce
c 180	11	16.4	20	6	AR026602	AR026602	nce
181	11	16.4	20	6	AR107596	AR107596	ence
182	11	16.4	20	6	AR107597	AR107597	ence
183	11	16.4	20	6	AR107598	AR107598	ence
184	11	16.4	20	6	BD218323	BD218323	astle
c 185	11	16.4	20	6	AR203139	AR203139	nce
c 186	11	16.4	20	6	AR205408	AR205408	nce
187	11	16.4	20	6	AR226143	AR226143	nce
188	11	16.4	20	6	AR293101	AR293101	nce
c 189	11	16.4	20	6	AR313672	AR313672	nce
190	11	16.4	20	6	AR492829	AR492829	nce
191	11	16.4	20	6	AX008435	AX008435	ence
c 192	11	16.4	20	6	AX076383	AX076383	ence
c 193	11	16.4	20	6	AX139694	A 139694	nce
c 194	11	16.4	20	6	AX204955	AX204955	nce
195	11	16.4	20	6	AX294720	AX294720	nce
c 196	11	16.4	20	6	AX644862	AX644862	nce
197	11	16.4	21	6	E35954	E35954	Me fir
198	11	16.4	21	6	E36597	E36597	An sc n
199	11	16.4	21	6	AR275183	AR275183	nce
200	11	16.4	21	6	AR297402	AR297402	nce
c 201	11	16.4	21	6	AR297466	A 297466	nce
202	11	16.4	21	6	AR492293	A 492293	nce
c 203	11	16.4	22	4	DOGP41001	L 41001	Do one:
c 204	11	16.4	22	6	BD226457	B 226457	ad an
205	11	16.4	22	6	CQ802805	C 802805	nce
206	11	16.4	22	6	AR492279	AR492279	nce
c 207	11	16.4	22	6	AX375728	AX375728	nce
c 208	11	16.4	22	6	AX375729	AX375729	r e
209	11	16.4	23	6	AR042891	AR042891	nce
210	11	16.4	23	6	BD184587	BD184587	ad an
211	11	16.4	23	6	BD184642	B 184642	ad an
212	11	16.4	23	6	CQ829323	C 829323	nce
c 213	11	16.4	23	6	AX529519	A 529519	nce
214	11	16.4	23	6	AX742734	A 742734	nce
215	11	16.4	23	6	AX742789	A 742789	nce
c 216	11	16.4	23	6	BD089154	B 089154	ad
217	11	16.4	23	11	DOGPKMB	D 089154 C	mil
c 218	11	16.4	24	6	AR014002	F 014002	nce
219	11	16.4	24	6	CQ829325	C 829325	nce
220	11	16.4	24	6	CQ829326	C 829326	nce
c 221	11	16.4	24	6	I21952	I 21952	Se 36
222	11	16.4	24	6	AX004452	F 004452	nce
223	11	16.4	24	6	AX290087	F 290087	nce
c 224	11	16.4	24	6	AX342702	F 342702	re
225	11	16.4	24	6	AX342703	F 342703	ice
c 226	11	16.4	25	6	AR150764	A 150764	ce
c 227	11	16.4	25	6	BD230482	B 230482	en
228	11	16.4	25	6	BD271132	B 271132	is a
229	11	16.4	25	6	CQ829328	C 829328	nce
230	11	16.4	25	6	E49283	F 083	romo
c 231	11	16.4	25	6	I15958	I 595	Se 59

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c 232	11	16.4	25	6	I19231	I19231	Sequ	e 3
c 233	11	16.4	25	6	I96157	I96157	Seque	e 59
234	11	16.4	25	6	AR258492	AR258492	Sequ	e
235	11	16.4	25	6	AR299504	AF299504	Sequ	e
c 236	11	16.4	25	6	AR338327	AF338327	Sequ	e
237	11	16.4	25	6	AX009718	AT009718	Sequ	e
c 238	11	16.4	25	6	AX394143	A394143	Sequ	e
239	11	16.4	25	6	BD094875	B094875	Sequ	e
c 240	11	16.4	25	8	ATH520463	AJ520463	Sequ	e
241	11	16.4	26	6	A68594	A68594	Sequ	e 8
242	11	16.4	26	6	A79379	A79379	Sequ	e 8
243	11	16.4	26	6	AR034228	AP034228	Sequ	e
244	11	16.4	26	6	AR111576	AR111576	Sequ	e
245	11	16.4	26	6	AR158202	AR158202	Sequ	e
c 246	11	16.4	26	6	AR164884	AT164884	Sequ	e
c 247	11	16.4	26	6	CQ819091	CQ819091	Sequ	e
c 248	11	16.4	26	6	CQ828184	CQ828184	Sequ	e
c 249	11	16.4	26	6	CQ829069	CQ829069	Sequ	e
c 250	11	16.4	26	6	CQ829329	CQ829329	Sequ	e
c 251	11	16.4	26	6	CQ829330	CQ829330	Sequ	e
252	11	16.4	26	6	AR267777	AP267777	Sequ	e
253	11	16.4	26	6	AR365812	AP365812	Sequ	e
c 254	11	16.4	26	6	AR490685	AT490685	Sequ	e
255	11	16.4	26	6	AX052697	AT052697	Sequ	e
256	11	16.4	26	6	AX284183	AT284183	Sequ	e
c 257	11	16.4	27	6	E35105	FT35105	Trunc	ed c
c 258	11	16.4	27	6	AX196317	AT196317	Sequ	e
259	11	16.4	27	6	AX443172	AT443172	Sequ	e
260	11	16.4	27	6	AX443174	AT443174	Sequ	e
c 261	11	16.4	27	6	AX583811	AT583811	Sequ	e
262	11	16.4	27	6	AX742862	AT742862	Sequ	e
c 263	11	16.4	27	6	AX794843	AT794843	Sequ	e
c 264	11	16.4	28	6	AR042829	AP042829	Sequ	e
c 265	11	16.4	28	6	AR140814	AT140814	Sequ	e
c 266	11	16.4	28	6	I65642	IT65642	Sequ	e 2
c 267	11	16.4	28	6	I67874	IT67874	Sequ	e 2
c 268	11	16.4	28	6	I90095	IT90095	Sequ	e 2
c 269	11	16.4	28	6	AR344654	AT344654	Seq	nce
c 270	11	16.4	28	6	AR476986	AT476986	Seq	nce
271	11	16.4	28	6	AX115983	AT115983	Seq	nce
272	11	16.4	29	6	AR122392	AT122392	Seq	nce
c 273	11	16.4	29	6	CQ829288	CT829288	Seq	nce
274	11	16.4	30	6	A24732	AT4732	pr	2014
275	11	16.4	30	6	AR028235	AT028235	Sequ	e
276	11	16.4	30	6	AR138638	AT138638	Sequ	e
c 277	11	16.4	30	6	E03264	ET64	LNA	: unenc
278	11	16.4	30	6	E63408	ET408	Inhib	try
279	11	16.4	30	6	AR374970	AT374970	Sequ	e
280	11	16.4	30	6	AX791069	AT791069	Sequ	e
281	11	16.4	30	6	AX791290	AT791290	Sequ	e
c 282	11	16.4	30	6	AX792286	AT792286	Sequ	e
c 283	11	16.4	30	6	BD174234	BT4234	g-ri	
c 284	11	16.4	31	6	AR176183	AT176183	Sequ	e
c 285	11	16.4	31	6	CQ829292	CT829292	Sequ	e
c 286	11	16.4	31	6	AX768384	AT768384	Sequ	e
287	11	16.4	33	6	AR491626	AT491626	Sequ	e
c 288	11	16.4	33	6	AX032948	AT032948	Sequ	e

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289	11	16.4	33	6	AX923074	A	923074	nce
290	11	16.4	33	6	BD074888	B	074888	- A s
c 291	11	16.4	34	6	AX452008	A	52008	nce
c 292	11	16.4	34	6	AX538797	A	538797	nce
293	11	16.4	35	6	AR143381	A	43381	nce
294	11	16.4	35	6	AX768383	A	768383	nce
295	11	16.4	35	6	BD103667	B	03667	wed
296	11	16.4	36	6	CQ829301	C	29301	nce
c 297	11	16.4	36	6	AX832746	A	832746	nce
298	11	16.4	36	6	AX937507	A	937507	nce
c 299	11	16.4	36	8	ATH527362	F	527362	dops
c 300	11	16.4	37	6	A67625	F	625	Se 45
c 301	11	16.4	37	6	AR089763	A	089763	nre
302	11	16.4	37	6	CQ759193	C	759193	nce
c 303	11	16.4	37	6	CQ759194	C	759194	nce
304	11	16.4	37	6	CQ759363	C	759363	nre
305	11	16.4	37	6	E63418	E	418	for
c 306	11	16.4	37	6	AX223034	F	223034	nce
307	11	16.4	37	6	BD010266	F	010266	t pr
308	11	16.4	37	6	BD015314	B	15314	d of
c 309	11	16.4	38	6	AR099493	A	99493	nre
c 310	11	16.4	38	6	AR178774	A	178774	nce
c 311	11	16.4	38	6	CQ829302	C	29302	nre
c 312	11	16.4	38	6	E52278	E	2278	I-i blu
c 313	11	16.4	38	6	AX832778	A	832778	nce
c 314	11	16.4	38	6	AX923060	A	923060	nre
315	11	16.4	38	6	AX937513	A	937513	rec nre
316	11	16.4	38	6	BD137969	F	137969	ase-
c 317	11	16.4	39	6	BD160855	F	160855	redu
318	11	16.4	40	6	BD235752	F	235752	tgthe
319	11	16.4	40	6	BD235803	F	235803	tg of
c 320	11	16.4	40	6	AR182581	F	92581	nre
c 321	11	16.4	40	6	AX516793	A	16793	nre
c 322	11	16.4	41	6	AX514826	F	514826	nre
c 323	11	16.4	41	6	AX515963	F	515963	nre
324	11	16.4	41	6	AX516308	A	16308	nre
325	11	16.4	41	6	AX516465	F	16465	nre
326	11	16.4	41	6	AX516705	F	16705	nre
c 327	11	16.4	41	6	AX516771	F	16771	nre
c 328	11	16.4	41	6	AX517180	F	17180	nre
c 329	11	16.4	41	6	AX517391	F	17391	nre
330	11	16.4	41	6	AX518704	F	18704	nre
331	11	16.4	41	6	AX518869	F	18869	nre
c 332	11	16.4	41	6	AX518934	F	18934	nre
333	11	16.4	41	6	AX520073	F	20073	nre
c 334	11	16.4	42	6	AR118121	F	118121	nre
c 335	11	16.4	42	6	BD193285	F	193285	ctio
c 336	11	16.4	42	6	BD267435	F	267435	o hy
337	11	16.4	42	6	I86954	I	86954	e 43
c 338	11	16.4	42	6	AR337789	F	337789	nre
c 339	11	16.4	43	6	AX483538	F	483538	nre
340	11	16.4	43	6	AX484580	F	484580	nre
341	11	16.4	44	6	AX597789	F	597789	nre
342	11	16.4	44	6	AX597824	F	597824	nre
343	11	16.4	45	8	ATH551969	F	551969	dops
344	11	16.4	46	6	AR003083	F	003083	nre
345	11	16.4	46	6	AR003176	F	003176	nre

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346	11	16.4	46	6	AR009026	A 009026	e	nce
347	11	16.4	46	6	AR011150	A 011150	e	nce
348	11	16.4	46	6	AR011434	A 011434	e	nce
349	11	16.4	46	6	AR052681	A 052681	e	nce
350	11	16.4	46	6	AR060992	A 060992	e	nce
351	11	16.4	46	6	AR087723	A 087723	e	nce
352	11	16.4	46	6	AR175114	A 175114	e	nce
353	11	16.4	46	6	I17788	I 17788	Se	re 17
354	11	16.4	46	6	I18072	I 18072	Se	re 30
355	11	16.4	46	6	I19193	I 19193	Se	re 13
356	11	16.4	46	6	I19213	I 19213	Se	re 33
357	11	16.4	46	6	I20054	I 1054	Se	re 17
358	11	16.4	46	6	I74700	I 4700	Se	re 40
c 359	11	16.4	46	6	AR233639	AR233639	e	nce
360	11	16.4	46	6	AR287994	AR287994	e	nce
361	11	16.4	46	6	AR360128	A 360128	e	nce
362	11	16.4	46	6	AR408188	A 408188	e	nce
c 363	11	16.4	46	8	ATH525484	A 525484	re	dops
c 364	11	16.4	47	6	A49415	A 49415	Se	re 8
365	11	16.4	47	6	AR289552	A 289552	Se	nce
366	11	16.4	47	6	AR291931	A 291931	Se	nce
367	11	16.4	47	6	AX194741	A 194741	Se	nce
c 368	11	16.4	47	6	AX378274	A 378274	Se	nce
369	11	16.4	49	6	AR125795	AR125795	Se	nce
c 370	11	16.4	49	6	CQ654575	C 654575	re	nce
371	11	16.4	49	6	I47207	I 47207	e	re 13
372	11	16.4	50	6	CQ002619	C 002619	e	nce
373	11	16.4	50	6	CQ002620	C 002620	e	nce
374	11	16.4	50	6	CQ005715	C 005715	e	nce
c 375	11	16.4	50	6	CQ005779	C 005779	Se	nce
c 376	11	16.4	50	6	CQ005780	C 005780	Se	nce
c 377	11	16.4	50	6	CQ006016	C 006016	re	nce
c 378	11	16.4	50	6	CQ007012	C 007012	Se	nce
c 379	11	16.4	50	6	AR214027	AR214027	Se	nce
c 380	11	16.4	50	6	AR215018	A 215018	e	nce
c 381	11	16.4	50	6	AR215207	A 215207	e	nce
c 382	11	16.4	50	6	AX364677	A 364677	e	nce
383	11	16.4	51	6	CQ005261	C 005261	re	nce
384	11	16.4	51	6	CQ005716	C 005716	e	nce
c 385	11	16.4	51	6	CQ006297	C 006297	Seq	nce
386	11	16.4	51	6	CQ007005	C 007005	Seq	nce
c 387	11	16.4	51	6	E15914	E 15914	re	7/1
c 388	11	16.4	51	6	E15915	E 15915	re	7/1
389	11	16.4	51	6	AX118345	AX118345	e	nce
c 390	11	16.4	51	6	AX159303	AX159303	e	nce
c 391	11	16.4	51	6	AX159304	A 159304	e	nce
392	11	16.4	51	6	AX160395	A 160395	e	nce
393	11	16.4	51	6	AX161491	A 161491	e	nce
c 394	11	16.4	51	6	AX165156	A 165156	e	nce
c 395	11	16.4	51	6	AX165276	A 165276	e	nce
c 396	11	16.4	51	6	AX165277	A 165277	e	nce
397	11	16.4	51	6	AX522611	A 522611	e	nce
c 398	11	16.4	52	6	A72768	A 72768	Se	re 3
c 399	11	16.4	53	1	ECARGG	X 1963	E.	DNA
c 400	11	16.4	53	6	CQ654380	C 654380	e	nce
c 401	11	16.4	53	6	E04181	E 04181	stra	
402	11	16.4	54	6	AR358913	AR358913	e	nce

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403	11	16.4	54	6	AR358924	ZR358924	re	ence
c 404	11	16.4	55	3	DME426739	ZJ426739	ur	phil
405	11	16.4	55	6	E04180	FE4180	sing	stra
406	11	16.4	55	6	AX899523	FA899523	-	nce
407	11	16.4	55	6	BD035056	BU035056	-	nce
c 408	11	16.4	57	6	AR356315	AR356315	-	nce
c 409	11	16.4	57	8	ATH531511	Z531511	.1.	oops
c 410	11	16.4	57	11	BX296316	BX296316	A1	idops
c 411	11	16.4	58	6	AR358859	AR358859	Sea	nce
412	11	16.4	58	6	AX522620	AK522620	re	nce
413	11	16.4	59	6	AR178722	AR178722	-	nce
414	11	16.4	59	6	BD251236	BD251236	11	nucl
415	11	16.4	59	6	AR205427	AR205427	-	nce
416	11	16.4	59	6	AR220119	AR220119	-	nce
417	11	16.4	59	6	AR221508	AR221508	req	nce
418	11	16.4	59	6	AR254210	AR254210	req	nce
419	11	16.4	59	6	AR282416	AR282416	-	nce
c 420	11	16.4	59	6	AR357407	AR357407	re	nce
421	11	16.4	59	6	AR368323	AR368323	re	nce
422	11	16.4	59	8	ATH524804	Z524804	re	dops
c 423	11	16.4	60	6	BD180861	F180861	of	
424	11	16.4	60	6	CQ540823	CD540823	c	nce
c 425	11	16.4	60	6	CQ543512	C543512	e	nce
c 426	11	16.4	60	6	CQ546535	C546535	e	nce
c 427	11	16.4	60	6	CQ550086	C550086	e	nce
428	11	16.4	60	6	CQ562280	C562280	e	nce
c 429	11	16.4	60	8	ATH523031	Z523031	e	dops
430	11	16.4	60	10	AF357331	AF357331	re	muscu
c 431	11	16.4	61	6	AX683352	AX683352	-	nce
c 432	11	16.4	62	3	BRPMBOI	M343623	i Mb	
433	11	16.4	64	6	BD235385	BD235385	lati	
434	11	16.4	64	8	ATH525930	Z525930	re	dops
435	11	16.4	65	6	CQ532093	C532093	e	nce
436	11	16.4	65	6	CQ533334	C533334	e	nce
437	11	16.4	65	6	CQ555909	C555909	e	nce
438	11	16.4	65	6	CQ560474	C560474	e	nce
439	11	16.4	65	6	AR486757	Z486757	-	nce
440	11	16.4	65	6	AX008952	AR008952	-	nce
c 441	11	16.4	65	6	AX483164	ZK483164	e	nce
442	11	16.4	65	6	AX483286	ZK483286	e	nce
c 443	11	16.4	65	6	AX483710	ZK483710	e	nce
444	11	16.4	65	6	AX483950	ZK483950	e	nce
c 445	11	16.4	65	6	AX484080	ZK484080	e	nce
c 446	11	16.4	65	6	AX484134	ZK484134	e	nce
c 447	11	16.4	65	6	AX484301	ZK484301	e	nce
448	11	16.4	65	6	AX484854	ZK484854	e	nce
449	11	16.4	65	6	AX484978	ZK484978	e	nce
c 450	11	16.4	65	6	AX485127	ZK485127	e	nce
c 451	11	16.4	65	6	AX485170	ZK485170	e	nce
452	11	16.4	65	6	AX485176	AX485176	e	nce
c 453	11	16.4	65	6	AX485579	AX485579	e	nce
454	11	16.4	65	6	AX485624	AX485624	e	nce
455	11	16.4	65	6	AX485721	AX485721	ser	nce
c 456	11	16.4	66	6	AR003084	Z003084	e	nce
c 457	11	16.4	66	6	AR003177	Z003177	e	nce
c 458	11	16.4	66	6	AR011151	Z011151	e	nce
c 459	11	16.4	66	6	I17789	Z17789	e	18

# BEST AVAILABLE COPY

c 460	11	16.4	66	6	I19214	I19214	Se	e	34
c 461	11	16.4	66	6	I20055	I20055	Seq.	e	18
c 462	11	16.4	66	6	AR408189	A 408189	S	nce	
c 463	11	16.4	66	6	AX597792	A 597792	S	nce	
c 464	11	16.4	66	6	AX597793	A 597793	C	nce	
c 465	11	16.4	66	6	AX597827	A 597827	C	nce	
c 466	11	16.4	66	6	AX597828	A 597828		nce	
467	11	16.4	66	6	AX899673	A 899673		nce	
468	11	16.4	66	6	BD035206	B 035206		nce	
c 469	11	16.4	67	3	S54400	S 54400	{3	ion,	
c 470	11	16.4	68	6	AR052804	A 052804		nce	
c 471	11	16.4	68	6	AR127976	A 127976	S	nce	
c 472	11	16.4	68	6	AR288117	A 288117	S	nce	
473	11	16.4	68	6	AR358834	A 358834		nce	
c 474	11	16.4	68	6	AR408321	A 408321		nce	
c 475	11	16.4	68	6	AX283236	A 283236		nce	
c 476	11	16.4	68	6	AX523231	A 523231		nce	
c 477	11	16.4	71	6	AR356351	A 356351		nce	
c 478	11	16.4	72	6	AX187965	A 187965		nce	
479	11	16.4	72	10	MUSIGHNA	A 9215	M	activ	
480	11	16.4	73	6	AX522908	A 9208	10	nce	
481	11	16.4	73	6	AX899367	A 9367	S	nce	
482	11	16.4	73	6	BD034900	B 034900	S	nce	
483	11	16.4	75	9	AY653367	A 653367	C	sapi	
484	11	16.4	77	6	AR042758	A 042758		nce	
485	11	16.4	77	6	AR358839	A 358839		nce	
486	11	16.4	77	6	AR476915	A 476915		nce	
487	11	16.4	77	14	S76953	S 76953	{	ranged	
488	11	16.4	78	6	AX904934	A 904934		nce	
489	11	16.4	78	6	BD040467	B 040467		nce	
490	11	16.4	79	6	I19267	I 19267	Se	e	39
491	11	16.4	79	6	I19275	I 19275	Se	e	47
492	11	16.4	79	6	I19291	I 19291	Se	e	63
493	11	16.4	79	6	AX913944	A 913944	1	eq	nce
494	11	16.4	79	6	BD049477	B 049477		nce	
495	11	16.4	79	9	HUMD3E11M3	H 000000		PG2	
496	11	16.4	80	3	AF461093	A 000000		audi	
497	11	16.4	80	6	CQ081624	C 081624		nce	
498	11	16.4	80	6	CQ116288	C 116288		nce	
499	11	16.4	80	6	CQ155013	C 155013		nce	
500	11	16.4	80	6	CQ187446	C 187446		nce	
501	11	16.4	80	6	CQ238252	C 238252		nce	
502	11	16.4	80	6	CQ275849	C 275849		nce	
503	11	16.4	80	6	CQ312836	C 312836		nce	
504	11	16.4	80	6	CQ350386	C 350386		nce	
505	11	16.4	80	6	I19243	I 19243		eu	15
506	11	16.4	80	6	I19281	I 19281		eu	53
507	11	16.4	80	6	I19288	I 19288		eu	60
508	11	16.4	80	6	I19298	I 19298		eu	70
509	11	16.4	80	6	I73641	I 73641		eu	95
c 510	11	16.4	80	6	AX695259	A 695259		e	venue
c 511	11	16.4	81	3	AF015938	A 015938	01	11	rem
512	11	16.4	81	6	AR042806	A 042806	04	11	nre
c 513	11	16.4	81	6	I19229	I 19229	07	e	1
514	11	16.4	81	6	I19234	I 19234	08	e	6
515	11	16.4	81	6	I19235	I 19235	09	e	7
516	11	16.4	81	6	I19237	I 19237	09	e	9

# BEST AVAILABLE COPY

517	11	16.4	81	6	I19238	I19238	Se	re	10
518	11	16.4	81	6	I19239	I19239	Se	re	11
519	11	16.4	81	6	I19240	I19240	Se	re	12
520	11	16.4	81	6	I19241	I19241	Se	re	13
521	11	16.4	81	6	I19242	I19242	Se	re	14
522	11	16.4	81	6	I19244	I19244	Se	re	16
523	11	16.4	81	6	I19245	I19245	Se	re	17
524	11	16.4	81	6	I19246	I19246	Se	re	18
525	11	16.4	81	6	I19247	I19247	Se	re	19
526	11	16.4	81	6	I19248	I19248	Se	re	20
527	11	16.4	81	6	I19249	I19249	Se	re	21
528	11	16.4	81	6	I19250	I19250	Seq	re	22
529	11	16.4	81	6	I19251	I19251	Se	re	23
530	11	16.4	81	6	I19252	I19252	Se	re	24
531	11	16.4	81	6	I19253	I19253	Se	re	25
532	11	16.4	81	6	I19254	I19254	Se	re	26
533	11	16.4	81	6	I19255	I19255	Se	re	27
534	11	16.4	81	6	I19256	I19256	Se	re	28
535	11	16.4	81	6	I19257	I19257	Se	re	29
536	11	16.4	81	6	I19258	I19258	Se	re	30
537	11	16.4	81	6	I19259	I19259	Se	re	31
538	11	16.4	81	6	I19260	I19260	Se	re	32
539	11	16.4	81	6	I19261	I19261	Se	re	33
540	11	16.4	81	6	I19262	I19262	Se	re	34
541	11	16.4	81	6	I19263	I19263	Se	re	35
542	11	16.4	81	6	I19264	I19264	Se	re	36
543	11	16.4	81	6	I19265	I19265	Se	re	37
544	11	16.4	81	6	I19266	I19266	Se	re	38
545	11	16.4	81	6	I19268	I19268	Se	re	40
546	11	16.4	81	6	I19269	I19269	Se	re	41
547	11	16.4	81	6	I19270	I19270	Se	re	42
548	11	16.4	81	6	I19271	I19271	Se	re	43
549	11	16.4	81	6	I19272	I19272	Se	re	44
550	11	16.4	81	6	I19273	I19273	Se	re	45
551	11	16.4	81	6	I19274	I19274	Se	re	46
552	11	16.4	81	6	I19277	I19277	Se	re	49
553	11	16.4	81	6	I19278	I19278	Se	re	50
554	11	16.4	81	6	I19279	I19279	Se	re	51
555	11	16.4	81	6	I19280	I19280	Se	re	52
556	11	16.4	81	6	I19282	I19282	Se	re	54
557	11	16.4	81	6	I19283	I19283	Se	re	55
558	11	16.4	81	6	I19284	I19284	Se	re	56
559	11	16.4	81	6	I19285	I19285	Se	re	57
560	11	16.4	81	6	I19286	I19286	Se	re	58
561	11	16.4	81	6	I19287	I19287	Se	re	59
562	11	16.4	81	6	I19289	I19289	Se	re	61
563	11	16.4	81	6	I19290	I19290	Se	re	62
564	11	16.4	81	6	I19292	I19292	Se	re	64
565	11	16.4	81	6	I19293	I19293	Se	re	65
566	11	16.4	81	6	I19294	I19294	Se	re	66
567	11	16.4	81	6	I19295	I19295	Se	re	67
568	11	16.4	81	6	I19296	I19296	Se	re	68
569	11	16.4	81	6	I19297	I19297	Se	re	69
570	11	16.4	81	6	I19299	I19299	Se	re	71
571	11	16.4	81	6	I19300	I19300	Se	re	72
572	11	16.4	81	6	I19304	I19304	Se	re	76
573	11	16.4	81	6	I19305	I19305	Se	re	77

# BEST AVAILABLE COPY

574	11	16.4	81	6	I19306	I19306	S- que	e	78
575	11	16.4	81	6	I19307	I19307	S- que	e	79
576	11	16.4	81	6	I19308	I19308	S- que	e	80
577	11	16.4	81	6	I19309	I19309	S- que	e	81
578	11	16.4	81	6	I19310	I19310	S- que	e	82
579	11	16.4	81	6	I19311	I19311	S- que	e	83
580	11	16.4	81	6	I19312	I19312	S- que	e	84
581	11	16.4	81	6	I19313	I19313	S- que	e	85
582	11	16.4	81	6	I19314	I19314	S- que	e	86
583	11	16.4	81	6	I19315	I19315	S- que	e	87
584	11	16.4	81	6	I19316	I19316	S- que	e	88
585	11	16.4	81	6	I19317	I19317	S- que	e	89
586	11	16.4	81	6	I19318	I19318	S- que	e	90
587	11	16.4	81	6	I19319	I19319	S- que	e	91
588	11	16.4	81	6	AR359946	AR359946	S- que	nce	
589	11	16.4	81	6	AR476963	AR476963	S- que	nce	
590	11	16.4	81	6	AX622764	AX622764	S- que	nce	
591	11	16.4	81	6	AX777688	AX777688	S- que	nce	
c 592	11	16.4	81	6	AX903277	AX903277	S- que	nce	
c 593	11	16.4	81	6	BD038810	BD038810	S- que	nce	
c 594	11	16.4	81	8	ATH531412	AJ531412	S- que	dops	
c 595	11	16.4	81	9	AF459591	AF159591	S- que	sapi	
c 596	11	16.4	81	14	AF001801	AF001801	S- que	l pat	
597	11	16.4	82	6	I19236	I19236	S- que	e	8
598	11	16.4	82	6	I19276	I19276	S- que	e	48
c 599	11	16.4	82	9	AY679836	AY679836	S- que	sapi	
600	11	16.4	83	3	S55610S1	S55610S1	S- que	mpl	
601	11	16.4	83	6	AR042765	AR042765	S- que	nce	
602	11	16.4	83	6	AR042776	AR042776	S- que	nce	
603	11	16.4	83	6	AR042802	AR042802	S- que	nce	
604	11	16.4	83	6	AR140820	AR140820	S- que	nce	
605	11	16.4	83	6	AR140841	AR140841	S- que	nce	
606	11	16.4	83	6	AR150770	AR150770	S- que	nce	
607	11	16.4	83	6	AR150791	AR150791	S- que	nce	
608	11	16.4	83	6	I65648	I65648	S- que	e	8
609	11	16.4	83	6	I65669	I65669	S- que	e	29
610	11	16.4	83	6	I67380	I67380	S- que	e	8
611	11	16.4	83	6	I67301	I67301	S- que	e	29
612	11	16.4	83	6	I90101	I90101	S- que	e	8
613	11	16.4	83	6	I90122	I90122	S- que	e	29
614	11	16.4	83	6	AR344660	AR344660	S- que	nce	
615	11	16.4	83	6	AR344681	AR344681	S- que	nce	
616	11	16.4	83	6	AR476922	AR476922	S- que	nce	
617	11	16.4	83	6	AR476933	AR476933	S- que	nce	
618	11	16.4	83	6	AR476959	AR476959	S- que	nce	
619	11	16.4	83	8	ATH505681	ATH505681	S- que	dops	
620	11	16.4	84	6	AR042766	AR042766	S- que	nce	
621	11	16.4	84	6	AR042772	AR042772	S- que	nce	
622	11	16.4	84	6	AR042808	AR042808	S- que	nce	
623	11	16.4	84	6	AR125990	AR125990	S- que	nce	
624	11	16.4	84	6	AR125991	AR125991	S- que	nce	
625	11	16.4	84	6	AR140816	AR140816	S- que	nce	
626	11	16.4	84	6	AR140829	AR140829	S- que	nce	
627	11	16.4	84	6	AR140830	AR140830	S- que	nce	
628	11	16.4	84	6	AR150766	AR150766	S- que	nce	
629	11	16.4	84	6	AR150779	AR150779	S- que	nce	
630	11	16.4	84	6	AR150780	AR150780	S- que	nce	

# BEST AVAILABLE COPY

631	11	16.4	84	6	I65644	I 15644 Sequence 4
632	11	16.4	84	6	I65657	I 15657 Sequence 17
633	11	16.4	84	6	I65658	I 15658 Sequence 18
634	11	16.4	84	6	I67876	I 17876 Sequence 4
635	11	16.4	84	6	I67889	I 1889 Sequence 17
636	11	16.4	84	6	I67890	I 17890 Sequence 18
637	11	16.4	84	6	I90097	I 19097 Sequence 4
638	11	16.4	84	6	I90110	I 190110 Sequence 17
639	11	16.4	84	6	I90111	I 190111 Sequence 18
640	11	16.4	84	6	AR344656	A 344656 Sequence
641	11	16.4	84	6	AR344669	A 344669 Sequence
642	11	16.4	84	6	AR344670	A 344670 Sequence
643	11	16.4	84	6	AR476923	A 176923 Sequence
644	11	16.4	84	6	AR476929	A 176929 Sequence
645	11	16.4	84	6	AR476965	A 176965 Sequence
c 646	11	16.4	84	8	AY201985	A 201985 Aradops
647	11	16.4	84	11	CR384556	.8456 Aradops
c 648	11	16.4	85	4	WALHPRT1	M 383 Macros
649	11	16.4	85	6	AR042752	A 42752 Sequence
650	11	16.4	85	6	AR042755	A 42755 Sequence
651	11	16.4	85	6	AR042756	A 42756 Sequence
652	11	16.4	85	6	AR042761	A 42761 Sequence
653	11	16.4	85	6	AR042762	A 42762 Sequence
654	11	16.4	85	6	AR042764	A 42764 Sequence
655	11	16.4	85	6	AR042775	A 42775 Sequence
656	11	16.4	85	6	AR042787	A 42787 Sequence
657	11	16.4	85	6	AR042798	A 42798 Sequence
658	11	16.4	85	6	AR042799	A 42799 Sequence
659	11	16.4	85	6	AR042804	A 42804 Sequence
660	11	16.4	85	6	AR042807	A 42807 Sequence
661	11	16.4	85	6	AR125989	A 125989 Sequence
662	11	16.4	85	6	AR126027	A 126027 Sequence
663	11	16.4	85	6	AR126028	A 126028 Sequence
664	11	16.4	85	6	AR126029	A 126029 Sequence
665	11	16.4	85	6	AR126031	A 126031 Sequence
666	11	16.4	85	6	AR126050	A 126050 Sequence
667	11	16.4	85	6	AR140817	A 140817 Sequence
668	11	16.4	85	6	AR140819	A 140819 Sequence
669	11	16.4	85	6	AR140823	A 140823 Sequence
670	11	16.4	85	6	AR140838	A 140838 Sequence
671	11	16.4	85	6	AR140842	A 140842 Sequence
672	11	16.4	85	6	AR140844	A 140844 Sequence
673	11	16.4	85	6	AR150767	A 150767 Sequence
674	11	16.4	85	6	AR150769	A 150769 Sequence
675	11	16.4	85	6	AR150773	A 150773 Sequence
676	11	16.4	85	6	AR150788	A 150788 Sequence
677	11	16.4	85	6	AR150792	A 150792 Sequence
678	11	16.4	85	6	AR150794	A 150794 Sequence
679	11	16.4	85	6	CQ056693	C 056693 Sequence
680	11	16.4	85	6	CQ075970	C 075970 Sequence
681	11	16.4	85	6	CQ106947	C 106947 Sequence
682	11	16.4	85	6	CQ145606	C 145606 Sequence
683	11	16.4	85	6	CQ181055	C 181055 Sequence
684	11	16.4	85	6	CQ205410	C 205410 Sequence
685	11	16.4	85	6	CQ228824	C 228824 Sequence
686	11	16.4	85	6	CQ303946	C 303946 Sequence
687	11	16.4	85	6	CQ341245	C 341245 Sequence

# BEST AVAILABLE COPY

688	11	16.4	85	6	I65645	J 15645 Sequence 5
689	11	16.4	85	6	I65647	J 15647 Sequence 7
690	11	16.4	85	6	I65651	J 15651 Sequence 11
691	11	16.4	85	6	I65666	J 15666 Sequence 26
692	11	16.4	85	6	I65670	J 15670 Sequence 30
693	11	16.4	85	6	I65672	J 15672 Sequence 32
694	11	16.4	85	6	I67877	J 157877 Sequence 5
695	11	16.4	85	6	I67879	J 157879 Sequence 7
696	11	16.4	85	6	I67883	J 157883 Sequence 11
697	11	16.4	85	6	I67898	J 157898 Sequence 26
698	11	16.4	85	6	I67902	J 157902 Sequence 30
699	11	16.4	85	6	I67904	J 157904 Sequence 32
700	11	16.4	85	6	I90098	J 190098 Sequence 5
701	11	16.4	85	6	I90100	J 190100 Sequence 7
702	11	16.4	85	6	I90104	J 190104 Sequence 11
703	11	16.4	85	6	I90119	J 190119 Sequence 26
704	11	16.4	85	6	I90123	J 190123 Sequence 30
705	11	16.4	85	6	I90125	J 190125 Sequence 32
706	11	16.4	85	6	AR344657	J 344657 Sequence
707	11	16.4	85	6	AR344659	J 344659 Sequence
708	11	16.4	85	6	AR344663	J 344663 Sequence
709	11	16.4	85	6	AR344678	J 344678 Sequence
710	11	16.4	85	6	AR344682	J 344682 Sequence
711	11	16.4	85	6	AR344684	J 344684 Sequence
712	11	16.4	85	6	AR476909	J 476909 Sequence
713	11	16.4	85	6	AR476912	J 476912 Sequence
714	11	16.4	85	6	AR476913	J 476913 Sequence
715	11	16.4	85	6	AR476918	J 476918 Sequence
716	11	16.4	85	6	AR476919	J 476919 Sequence
717	11	16.4	85	6	AR476921	J 476921 Sequence
718	11	16.4	85	6	AR476932	J 476932 Sequence
719	11	16.4	85	6	AR476944	J 476944 Sequence
720	11	16.4	85	6	AR476955	J 476955 Sequence
721	11	16.4	85	6	AR476956	J 476956 Sequence
722	11	16.4	85	6	AR476961	J 476961 Sequence
723	11	16.4	85	6	AR476964	J 476964 Sequence
c 724	11	16.4	85	6	AX772257	J 772257 Sequence
725	11	16.4	85	8	ATH223845	J 1223845 Sequence
726	11	16.4	85	8	ATH224036	J 1224036 Sequence
727	11	16.4	86	6	AR042750	J 042750 Sequence
728	11	16.4	86	6	AR042751	J 042751 Sequence
729	11	16.4	86	6	AR042753	J 042753 Sequence
730	11	16.4	86	6	AR042754	J 042754 Sequence
731	11	16.4	86	6	AR042757	J 042757 Sequence
732	11	16.4	86	6	AR042759	J 042759 Sequence
733	11	16.4	86	6	AR042760	J 042760 Sequence
734	11	16.4	86	6	AR042763	J 042763 Sequence
735	11	16.4	86	6	AR042773	J 042773 Sequence
736	11	16.4	86	6	AR042774	J 042774 Sequence
737	11	16.4	86	6	AR042788	J 042788 Sequence
738	11	16.4	86	6	AR042800	J 042800 Sequence
739	11	16.4	86	6	AR042801	J 042801 Sequence
740	11	16.4	86	6	AR042803	J 042803 Sequence
741	11	16.4	86	6	AR042805	J 042805 Sequence
742	11	16.4	86	6	AR042809	J 042809 Sequence
743	11	16.4	86	6	AR042828	J 042828 Sequence
744	11	16.4	86	6	AR125980	J 125980 Sequence

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745	11	16.4	86	6	AR125988	I R125988	Se	nce
746	11	16.4	86	6	AR125992	I R125992	Se	nce
747	11	16.4	86	6	AR125993	I R125993	Se	nce
748	11	16.4	86	6	AR125996	I R125996	Se	nce
749	11	16.4	86	6	AR125997	I R125997	Sequ	nce
750	11	16.4	86	6	AR126024	I R126024	Sequ	nce
751	11	16.4	86	6	AR126025	I R126025	Sequ	nce
752	11	16.4	86	6	AR126026	I R126026	Sequ	nce
753	11	16.4	86	6	AR126030	I R126030	Se	nce
754	11	16.4	86	6	AR126032	I R126032	Se	nce
755	11	16.4	86	6	AR126033	I R126033	Se	nce
756	11	16.4	86	6	AR126034	I R126034	Se	nce
757	11	16.4	86	6	AR126051	I R126051	Se	nce
758	11	16.4	86	6	AR126052	I R126052	Se	nce
759	11	16.4	86	6	AR126053	I R126053	Se	nce
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761	11	16.4	86	6	AR126055	I R126055	Se	nce
762	11	16.4	86	6	AR126056	I R126056	Se	nce
763	11	16.4	86	6	AR126068	I R126068	Se	nce
764	11	16.4	86	6	AR126069	I R126069	Se	nce
765	11	16.4	86	6	AR126081	I R126081	Se	nce
766	11	16.4	86	6	AR126083	I R126083	Se	nce
767	11	16.4	86	6	AR126091	I R126091	Se	nce
768	11	16.4	86	6	AR140813	I R140813	Se	nce
769	11	16.4	86	6	AR140818	I R140818	Se	nce
770	11	16.4	86	6	AR140821	I R140821	Se	nce
771	11	16.4	86	6	AR140822	I R140822	Se	nce
772	11	16.4	86	6	AR140824	I R140824	Se	nce
773	11	16.4	86	6	AR140825	I R140825	Se	nce
774	11	16.4	86	6	AR140826	I R140826	Se	nce
775	11	16.4	86	6	AR140827	I R140827	Se	nce
776	11	16.4	86	6	AR140831	I R140831	Seq	nce
777	11	16.4	86	6	AR140832	I R140832	Se	nce
778	11	16.4	86	6	AR140833	I R140833	Se	nce
779	11	16.4	86	6	AR140834	I R140834	Sequ	nce
780	11	16.4	86	6	AR140835	I R140835	Sequence	
781	11	16.4	86	6	AR140836	I R140836	Sequence	
782	11	16.4	86	6	AR140837	I R140837	Sequence	
783	11	16.4	86	6	AR140839	I R140839	Sequence	
784	11	16.4	86	6	AR140840	I R140840	Sequence	
785	11	16.4	86	6	AR140843	I R140843	Sequence	
786	11	16.4	86	6	AR140845	I R140845	Sequence	
787	11	16.4	86	6	AR140846	I R140846	Sequence	
788	11	16.4	86	6	AR140847	I R140847	Sequence	
789	11	16.4	86	6	AR150763	I R150763	Se	nce
790	11	16.4	86	6	AR150768	I R150768	Se	nce
791	11	16.4	86	6	AR150771	I R150771	Se	nce
792	11	16.4	86	6	AR150772	I R150772	Se	nce
793	11	16.4	86	6	AR150774	I R150774	Se	nce
794	11	16.4	86	6	AR150775	I R150775	Se	nce
795	11	16.4	86	6	AR150776	I R150776	Se	nce
796	11	16.4	86	6	AR150777	I R150777	Se	nce
797	11	16.4	86	6	AR150781	I R150781	Se	nce
798	11	16.4	86	6	AR150782	I R150782	Se	nce
799	11	16.4	86	6	AR150783	I R150783	Se	nce
800	11	16.4	86	6	AR150784	I R150784	Seq	nce
801	11	16.4	85	6	AR150785	I R150785	Seq	nce

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802	11	16.4	86	6	AR150786	I R150786 Sequence
803	11	16.4	86	6	AR150787	I R150787 Sequence
804	11	16.4	86	6	AR150789	I R150789 Sequence
805	11	16.4	86	6	AR150790	I R150790 Sequence
806	11	16.4	86	6	AR150793	I R150793 Sequence
807	11	16.4	86	6	AR150795	I R150795 Sequence
808	11	16.4	86	6	AR150796	I R150796 Sequence
809	11	16.4	86	6	AR150797	I R150797 Sequence
810	11	16.4	86	6	CQ077484	C 077484 Sequence
811	11	16.4	86	6	CQ108502	C 108502 Sequence
812	11	16.4	86	6	CQ147135	C 147135 Sequence
813	11	16.4	86	6	CQ206925	C 206925 Sequence
814	11	16.4	86	6	CQ230368	C 230368 Sequence
815	11	16.4	86	6	CQ268502	C 268502 Sequence
816	11	16.4	86	6	CQ305538	C 305538 Sequence
817	11	16.4	86	6	CQ342726	C 342726 Sequence
818	11	16.4	86	6	I65641	I 65641 Sequence 1
819	11	16.4	86	6	I65646	I 65646 Sequence 6
820	11	16.4	86	6	I65649	I 65649 Sequence 9
821	11	16.4	86	6	I65650	I 65650 Sequence 10
822	11	16.4	86	6	I65652	I 65652 Sequence 12
823	11	16.4	86	6	I65653	I 65653 Sequence 13
824	11	16.4	86	6	I65654	I 65654 Sequence 14
825	11	16.4	86	6	I65655	I 65655 Sequence 15
826	11	16.4	86	6	I65659	I 65659 Sequence 19
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829	11	16.4	86	6	I65662	I 65662 Sequence 22
830	11	16.4	86	6	I65663	I 65663 Sequence 23
831	11	16.4	86	6	I65664	I 65664 Sequence 24
832	11	16.4	86	6	I65665	I 65665 Sequence 25
833	11	16.4	86	6	I65667	I 65667 Sequence 27
834	11	16.4	86	6	I65668	I 65668 Sequence 28
835	11	16.4	86	6	I65671	I 65671 Sequence 31
836	11	16.4	86	6	I65673	I 65673 Sequence 33
837	11	16.4	86	6	I65674	I 65674 Sequence 34
838	11	16.4	86	6	I65675	I 65675 Sequence 35
839	11	16.4	86	6	I67873	I 67873 Sequence 1
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843	11	16.4	86	6	I67884	I 67884 Sequence 12
844	11	16.4	86	6	I67885	I 67885 Sequence 13
845	11	16.4	86	6	I67886	I 67886 Sequence 14
846	11	16.4	86	6	I67887	I 67887 Sequence 15
847	11	16.4	86	6	I67891	I 67891 Sequence 19
848	11	16.4	86	6	I67892	I 67892 Sequence 20
849	11	16.4	86	6	I67893	I 67893 Sequence 21
850	11	16.4	86	6	I67894	I 67894 Sequence 22
851	11	16.4	86	6	I67895	I 67895 Sequence 23
852	11	16.4	86	6	I67896	I 67896 Sequence 24
853	11	16.4	86	6	I67897	I 67897 Sequence 25
854	11	16.4	86	6	I67899	I 67899 Sequence 27
855	11	16.4	86	6	I67900	I 67900 Sequence 28
856	11	16.4	86	6	I67903	I 67903 Sequence 31
857	11	16.4	86	6	I67905	I 67905 Sequence 33
858	11	16.4	86	6	I67906	I 67906 Sequence 34

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859	11	16.4	86	6	I67907	I 67907 Sequence 35
860	11	16.4	86	6	I90094	I 90094 Sequence 1
861	11	16.4	86	6	I90099	I 90099 Sequence 6
862	11	16.4	86	6	I90102	I 90102 Sequence 9
863	11	16.4	86	6	I90103	I 90103 Sequence 10
864	11	16.4	86	6	I90105	I 90105 Sequence 12
865	11	16.4	86	6	I90106	I 90106 Sequence 13
866	11	16.4	86	6	I90107	I 90107 Sequence 14
867	11	16.4	86	6	I90108	I 90108 Sequence 15
868	11	16.4	86	6	I90112	I 90112 Sequence 19
869	11	16.4	86	6	I90113	I 90113 Sequence 20
870	11	16.4	86	6	I90114	I 90114 Sequence 21
871	11	16.4	86	6	I90115	I 90115 Sequence 22
872	11	16.4	86	6	I90116	I 90116 Sequence 23
873	11	16.4	86	6	I90117	I 90117 Sequence 24
874	11	16.4	86	6	I90118	I 90118 Sequence 25
875	11	16.4	86	6	I90120	I 90120 Sequence 27
876	11	16.4	86	6	I90121	I 90121 Sequence 28
877	11	16.4	86	6	I90124	I 90124 Sequence 31
878	11	16.4	86	6	I90126	I 90126 Sequence 33
879	11	16.4	86	6	I90127	I 90127 Sequence 34
880	11	16.4	86	6	I90128	I 90128 Sequence 35
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883	11	16.4	86	6	AR344661	AR344661 Sequence
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888	11	16.4	86	6	AR344667	AR344667 Sequence
889	11	16.4	86	6	AR344671	AR344671 Sequence
890	11	16.4	86	6	AR344672	AR344672 Sequence
891	11	16.4	86	6	AR344673	AR344673 Sequence
892	11	16.4	86	6	AR344674	AR344674 Sequence
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897	11	16.4	86	6	AR344680	AR344680 Sequence
898	11	16.4	86	6	AR344683	AR344683 Sequence
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900	11	16.4	86	6	AR344686	AR344686 Sequence
901	11	16.4	86	6	AR344687	AR344687 Sequence
902	11	16.4	86	6	AR476907	AR476907 Sequence
903	11	16.4	86	6	AR476908	AR476908 Sequence
904	11	16.4	86	6	AR476910	AR476910 Sequence
905	11	16.4	86	6	AR476911	AR476911 Sequence
906	11	16.4	86	6	AR476914	AR476914 Sequence
907	11	16.4	86	6	AR476916	AR476916 Sequence
908	11	16.4	86	6	AR476917	AR476917 Sequence
909	11	16.4	86	6	AR476920	AR476920 Sequence
910	11	16.4	86	6	AR476930	AR476930 Sequence
911	11	16.4	86	6	AR476931	AR476931 Sequence
912	11	16.4	86	6	AR476945	AR476945 Sequence
913	11	16.4	86	6	AR476957	AR476957 Sequence
914	11	16.4	86	6	AR476958	AR476958 Sequence
915	11	16.4	86	6	AR476960	AR476960 Sequence

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916	11	16.4	86	6	AR476962	I	476962	ence
917	11	16.4	86	6	AR476966	I	476966	ence
918	11	16.4	86	6	AR476985	I	476985	ence
919	11	16.4	86	8	ATH520562	I	520562	ldops
920	11	16.4	86	14	S76949	I	6249	re arranged
921	11	16.4	87	6	AR125994	I	125994	ence
922	11	16.4	87	6	AR125995	I	125995	ence
923	11	16.4	87	6	AR126035	I	126035	ence
924	11	16.4	87	6	AR126090	I	126090	ence
925	11	16.4	87	6	AR140828	I	140828	ence
926	11	16.4	87	6	AR150778	I	150778	ence
c 927	11	16.4	87	6	I15956	I	1956	sequence 57
928	11	16.4	87	6	I65656	I	65656	sequence 16
929	11	16.4	87	6	I67888	I	7888	sequence 16
930	11	16.4	87	6	I90109	I	0109	sequence 16
c 931	11	16.4	87	6	I96155	I	6155	sequence 57
932	11	16.4	87	6	AR344668	I	74168	ence
933	11	16.4	87	6	AR358744	I	58744	ence
c 934	11	16.4	87	6	AX107643	I	107643	ence
935	11	16.4	88	6	AR126082	I	26082	ence
936	11	16.4	88	6	CQ829270	C	9270	ence
937	11	16.4	88	6	CQ829271	C	9271	ence
c 938	11	16.4	89	6	CQ111828	C	111828	ence
c 939	11	16.4	89	6	CQ150628	C	50628	ence
c 940	11	16.4	89	6	CQ233951	C	233951	ence
c 941	11	16.4	89	6	CQ309276	C	309276	ence
c 942	11	16.4	89	6	CQ345946	C	15946	ence
c 943	11	16.4	89	6	E13518	F	5518	ansla
944	11	16.4	90	6	AX241079	I	241079	ence
c 945	11	16.4	90	6	AX568542	I	568542	ence
946	11	16.4	90	8	AF515009	I	515009	robi
c 947	11	16.4	91	6	A52242	I	2242	ence 32
c 948	11	16.4	92	6	AX590653	I	590653	nce
c 949	11	16.4	92	6	AX645263	I	645263	nce
c 950	11	16.4	92	6	AX676424	I	676424	ence
951	11	16.4	92	6	BD103665	I	103665	ed
952	11	16.4	93	6	E04210	F	104210	puenc
c 953	11	16.4	93	6	AR355999	I	55999	ence
c 954	11	16.4	93	11	BX295934	X	295934	idops
955	11	16.4	93	11	HSPA32C10	I	4209310	iens f
956	11	16.4	94	1	AY152662	I	52662	ture
c 957	11	16.4	94	6	AX283228	I	283228	ence
958	11	16.4	94	8	ATH524878	I	524878	ldops
959	11	16.4	94	8	ATH525361	I	525361	ldops
c 960	11	16.4	94	11	CR384162	R	384162	ldops
c 961	11	16.4	95	6	AX283217	I	323217	nce
c 962	11	16.4	96	1	EF23S5SPA	I	23S5SPA	llis
963	11	16.4	96	6	CQ651246	C	651246	ence
c 964	11	16.4	96	6	CQ797810	C	797810	ence
965	11	16.4	96	6	AR424069	I	424069	ence
c 966	11	16.4	96	6	AX283216	I	383216	ence
c 967	11	16.4	96	6	AX283218	I	283218	nce
c 968	11	16.4	96	6	AX283226	I	83226	nce
c 969	11	16.4	96	6	AX283229	I	283229	eg ence
c 970	11	16.4	96	6	AX283233	I	283233	ence
971	11	16.4	96	6	AX984763	I	984763	nce
972	11	16.4	96	6	BD119622	I	119622	re

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973	11	16.4	96	9	HSTCPPC1	> 1992 Human t-com
974	11	16.4	96	9	HUMTCP1D1	M 6888 Human t-com
c 975	11	16.4	97	6	AX283227	I 193227 Sequence
c 976	11	16.4	97	6	AX340880	I 1310880 Sequence
977	11	16.4	97	6	BD059853	I 059853 Rec'd
c 978	11	16.4	97	8	ATH521111	I 521111 rapidaps
c 979	11	16.4	98	6	AX906362	I 90 36 Sequence
c 980	11	16.4	98	6	BD041895	I 041895 Sequence
981	11	16.4	99	4	AY112759	A Y112759 Sus scrof
982	11	16.4	99	6	E04214	F 1214 DNA sequenc
983	11	16.4	99	6	AX907385	I 907385 Sequence
984	11	16.4	99	6	BD042918	F 042918 Sequence
c 985	11	16.4	99	6	BD095570	F 095570 Met-fo
c 986	11	16.4	99	9	HUMLPACI05	I 115 human fibrop
c 987	11	16.4	100	3	AY619237	I 619237 ap ap p
988	11	16.4	100	6	CQ000178	C 000178 Sequence
989	11	16.4	100	6	CQ000179	C Q000179 Sequence
c 990	11	16.4	100	6	CQ677834	C Q677834 Sequence
c 991	11	16.4	100	6	CQ690889	C 690889 Sequence
c 992	11	16.4	100	6	CQ696984	C 696984 Sequence
c 993	11	16.4	100	6	AX361549	I 361549 Sequence
994	11	16.4	100	6	AX989162	I 989162 Sequence
c 995	11	16.4	100	6	AX989764	I 989764 Sequence
c 996	11	16.4	100	6	AX990993	I 990993 Sequence
c 997	11	16.4	100	6	AX990994	I 990994 Sequence
c 998	11	16.4	100	6	AX992584	I 992584 Sequence
c 999	11	16.4	100	6	AX992585	I 992585 Sequence
c1000	11	16.4	100	6	AX992586	A Y112759 Sequence

## ALIGNMENTS

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 03:50:11 ; Search time 275.598 Seconds  
(without alignments)  
1276.175 Million cell updates/sec

Title: US-09-463-209D-1\_COPY\_100\_166

Perfect score: 67

Sequence: 1 gaagacttaatcaaaataaa.....ttactatctatgtttgaatg 67

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 4134886 seqs, 2624710521 residues

Word size : 10

Total number of hits satisfying chosen parameters: 4640

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : N\_Geneseq\_23Sep04:  
1: geneseqn1980s:  
2: geneseqn1990s:  
3: geneseqn2000s:  
4: geneseqn2001as:  
5: geneseqn2001bs:  
6: geneseqn2002as:  
7: geneseqn2002bs:  
8: geneseqn2003as:  
9: geneseqn2003bs:  
10: geneseqn2003cs:  
11: geneseqn2003ds:  
12: geneseqn2004s:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result	Query					Description
No.	Score	Match	Length	DB	ID	
<hr/>						
1	56	83.6	64	4	AAH50266	Aah50266 Bacterial
2	30	44.8	50	2	AAV79429	Aav79429 Staphyloc
3	30	44.8	51	2	AAV79405	Aav79405 Staphyloc
4	28	41.8	33	4	AAH50229	Aah50229 Bacterial
c 5	28	41.8	84	2	AAV79213	Aav79213 Staphyloc
6	26	38.8	60	2	AAV79430	Aav79430 Staphyloc

c	7	23	34.3	23	2	AAX02742	Aax02742 S. aureus
c	8	20	29.9	20	2	AAX02743	Aax02743 S. aureus
c	9	15	22.4	18	10	ADE14313	Ade14313 Optineuri
	10	15	22.4	29	2	AAQ42492	Aaq42492 PCR prime
c	11	15	22.4	35	3	AAZ43160	Aaz43160 PCR prime
	12	15	22.4	99	3	AAC17144	Aac17144 Human sec
	13	14	20.9	17	8	ACA06796	Aca06796 NFKB sub-
	14	14	20.9	19	9	ADA25980	Ada25980 Human REL
c	15	14	20.9	19	9	ADA26116	Ada26116 Human REL
	16	14	20.9	21	2	AAT12001	Aat12001 CMV antis
	17	14	20.9	21	2	AAT01667	Aat01667 Peptide n
	18	14	20.9	21	2	AAX17918	Aax17918 Anti-CMV
c	19	14	20.9	24	6	ABA98624	Aba98624 Human ATP
c	20	14	20.9	24	6	AAL53841	Aal53841 Human mac
c	21	14	20.9	24	6	ABA95338	Aba95338 Human end
c	22	14	20.9	33	10	ABZ74767	Abz74767 Human ant
c	23	14	20.9	33	10	ABZ74758	Abz74758 Human ant
c	24	14	20.9	43	6	AAD31936	Aad31936 Human bet
c	25	14	20.9	51	4	AAL27795	Aal27795 Human SNP
c	26	14	20.9	61	3	AAC52941	Aac52941 Arabidops
	27	14	20.9	92	2	AAT20402	Aat20402 Human gen
c	28	13	19.4	13	4	ABC96986	Abc96986 Oligonucl
c	29	13	19.4	13	5	ABC68948	Abc68948 Oligonucl
	30	13	19.4	13	5	ABC96987	Abc96987 Oligonucl
	31	13	19.4	13	5	ABC70678	Abc70678 Oligonucl
c	32	13	19.4	13	5	ABC70679	Abc70679 Oligonucl
	33	13	19.4	13	5	ABC68949	Abc68949 Oligonucl
	34	13	19.4	13	5	ABF30830	Abf30830 Oligonucl
c	35	13	19.4	13	5	ABF30831	Abf30831 Oligonucl
	36	13	19.4	15	10	ADE14315	Ade14315 Optineuri
	37	13	19.4	16	2	AAQ20013	Aaq20013 Cross-lin
	38	13	19.4	16	2	AAQ20014	Aaq20014 Cross-lin
c	39	13	19.4	16	10	ADD07167	Add07167 Cytomegal
c	40	13	19.4	17	2	AAX73135	Aax73135 Mouse flk
	41	13	19.4	17	8	ACA08311	Aca08311 Necrosis
	42	13	19.4	18	2	AAQ30241	Aaq30241 Oligomer
	43	13	19.4	18	2	AAQ30242	Aaq30242 Oligomer
	44	13	19.4	19	3	AAA83949	Aaa83949 Cyclin A2
	45	13	19.4	19	3	AAA83947	Aaa83947 Cyclin A2
	46	13	19.4	19	3	AAA83946	Aaa83946 Cyclin A2
	47	13	19.4	19	3	AAA83948	Aaa83948 Cyclin A2
	48	13	19.4	19	5	AAH59110	Aah59110 Cyclin A2
	49	13	19.4	19	5	AAH59108	Aah59108 Cyclin A2
	50	13	19.4	19	5	AAH59111	Aah59111 Cyclin A2
	51	13	19.4	19	5	AAH59109	Aah59109 Cyclin A2
	52	13	19.4	20	3	AAZ74700	Aaz74700 Human bia
	53	13	19.4	20	12	ADJ46651	Adj46651 Human req
c	54	13	19.4	20	12	ADJ46600	Adj46600 Human req
c	55	13	19.4	24	6	ABN86077	Abn86077 Human ery
	56	13	19.4	24	6	ABI85122	Abi85122 Capture o
c	57	13	19.4	24	6	ABI85123	Abi85123 Capture o
c	58	13	19.4	25	5	AAF23862	Aaf23862 Human STS
	59	13	19.4	25	9	ACI39282	Aci39282 Human mic
c	60	13	19.4	25	9	ACI12232	Aci12232 Human mic
c	61	13	19.4	26	6	AAD31940	Aad31940 Human bet
c	62	13	19.4	28	2	AAT39435	Aat39435 Hel-N2 se
c	63	13	19.4	28	2	AAV37453	Aav37453 Human Hel

c	64	13	19.4	33	10	ABZ74761	Abz74761 Human ant
	65	13	19.4	48	2	AAV57560	Aav57560 ICER prom
c	66	13	19.4	50	6	ABZ03216	Abz03216 Human leu
c	67	13	19.4	51	3	ADC17060	Adc17060 Human sin
c	68	13	19.4	51	3	ADC17018	Adc17018 Human sin
	69	13	19.4	51	4	AAH79764	Aah79764 Human DNA
c	70	13	19.4	57	3	AAA40158	Aaa40158 H. pylori
	71	13	19.4	65	6	ABZ28521	Abz28521 Candida g
	72	13	19.4	65	6	ABN56856	Abn56856 Mouse spl
	73	13	19.4	65	12	ADP97816	Adp97816 C. albica
c	74	13	19.4	81	3	AAC15677	Aac15677 Human sec
	75	13	19.4	85	2	AAT00344	Aat00344 Family 3
c	76	13	19.4	90	3	AAC13414	Aac13414 Human sec
c	77	13	19.4	92	3	AAC15879	Aac15879 Human sec
c	78	13	19.4	96	6	AAI68703	Aai68703 Rat prost
c	79	13	19.4	97	6	AAI68709	Aai68709 Rat prost
c	80	13	19.4	99	10	ACD93908	Acd93908 Human col
c	81	13	19.4	100	8	ACD77174	Acd77174 E. coli K
c	82	13	19.4	100	8	ACD70611	Acd70611 E. coli K
c	83	13	19.4	100	8	ACD70612	Acd70612 E. coli K
	84	13	19.4	100	8	ACD69667	Acd69667 E. coli K
	85	12	17.9	12	5	ABI73344	Abi73344 Oligonucl
c	86	12	17.9	12	5	ABI00741	Abi00741 Oligonucl
	87	12	17.9	12	5	ABI11866	Abi11866 Oligonucl
c	88	12	17.9	12	5	ABI21354	Abi21354 Oligonucl
	89	12	17.9	12	5	ABH68155	Abh68155 Oligonucl
c	90	12	17.9	12	5	ABH69065	Abh69065 Oligonucl
	91	12	17.9	12	5	ABI19853	Abi19853 Oligonucl
c	92	12	17.9	12	5	ABH73140	Abh73140 Oligonucl
	93	12	17.9	12	5	ABI56160	Abi56160 Oligonucl
c	94	12	17.9	12	5	ABI19021	Abi19021 Oligonucl
c	95	12	17.9	12	5	ABH80447	Abh80447 Oligonucl
c	96	12	17.9	13	5	ABC79401	Abc79401 Oligonucl
	97	12	17.9	13	5	ABF94820	Abf94820 Oligonucl
c	98	12	17.9	13	5	ABF94821	Abf94821 Oligonucl
c	99	12	17.9	13	5	ABC52087	Abc52087 Oligonucl
	100	12	17.9	13	5	ABC31321	Abc31321 Oligonucl
c	101	12	17.9	13	5	ABH62722	Abh62722 Oligonucl
	102	12	17.9	13	5	ABH62723	Abh62723 Oligonucl
	103	12	17.9	13	5	ABC79400	Abc79400 Oligonucl
c	104	12	17.9	13	5	ABF18742	Abf18742 Oligonucl
c	105	12	17.9	13	5	ABF89302	Abf89302 Oligonucl
	106	12	17.9	13	5	ABH41804	Abh41804 Oligonucl
c	107	12	17.9	13	5	ABH41805	Abh41805 Oligonucl
	108	12	17.9	13	5	ABC92610	Abc92610 Oligonucl
c	109	12	17.9	13	5	ABC07102	Abc07102 Oligonucl
	110	12	17.9	13	5	ABC32500	Abc32500 Oligonucl
	111	12	17.9	13	5	ABF18743	Abf18743 Oligonucl
	112	12	17.9	13	5	ABH64431	Abh64431 Oligonucl
c	113	12	17.9	13	5	ABC31320	Abc31320 Oligonucl
c	114	12	17.9	13	5	ABC32501	Abc32501 Oligonucl
c	115	12	17.9	13	5	ABF21656	Abf21656 Oligonucl
	116	12	17.9	13	5	ABF21657	Abf21657 Oligonucl
c	117	12	17.9	13	5	ABC26024	Abc26024 Oligonucl
	118	12	17.9	13	5	ABC26025	Abc26025 Oligonucl
	119	12	17.9	13	5	ABC52086	Abc52086 Oligonucl
	120	12	17.9	13	5	ABF89303	Abf89303 Oligonucl

c	121	12	17.9	13	5	ABC92611	Abc92611 Oligonucl
c	122	12	17.9	13	5	ABH64430	Abh64430 Oligonucl
	123	12	17.9	13	5	ABC07103	Abc07103 Oligonucl
	124	12	17.9	16	2	AAQ20015	Aaq20015 Cross-lin
	125	12	17.9	16	2	AAQ20016	Aaq20016 Cross-lin
	126	12	17.9	16	10	ADD07189	Add07189 HSV-1 (17
c	127	12	17.9	17	6	AAD31941	Aad31941 Plasmodiu
	128	12	17.9	17	8	ACA08312	Aca08312 Necrosis
	129	12	17.9	18	2	AAQ30243	Aaq30243 Oligomer
	130	12	17.9	18	2	AAQ30234	Aaq30234 Oligomer
	131	12	17.9	18	2	AAQ30244	Aaq30244 Oligomer
	132	12	17.9	18	2	AAQ30233	Aaq30233 Oligomer
	133	12	17.9	18	2	AAV27777	Aav27777 Monamine
	134	12	17.9	19	3	AAA83945	Aaa83945 Cyclin A2
	135	12	17.9	19	5	AAH59107	Aah59107 Cyclin A2
	136	12	17.9	20	2	AAV22481	Aav22481 Antisense
	137	12	17.9	20	2	AAX93801	Aax93801 PCR prime
c	138	12	17.9	20	2	AAX02744	Aax02744 S. aureus
	139	12	17.9	20	3	AAA90711	Aaa90711 Ribonucle
	140	12	17.9	20	12	ADO48328	Ado48328 Human PAK
c	141	12	17.9	20	12	ADO48260	Ado48260 Human p21
	142	12	17.9	21	2	AAT25132	Aat25132 Human gen
c	143	12	17.9	22	2	AAT39451	Aat39451 Hel-N1 se
c	144	12	17.9	22	2	AAV37469	Aav37469 Human Hel
c	145	12	17.9	22	6	ADA43383	Ada43383 Human ast
c	146	12	17.9	22	6	ABA98947	Aba98947 Human ast
c	147	12	17.9	22	8	ABX14613	Abx14613 B. anthra
	148	12	17.9	24	4	AAI64564	Aai64564 Human pol
c	149	12	17.9	24	5	AAH55972	Aah55972 Human SCN
c	150	12	17.9	24	6	ABQ78820	Abq78820 Motor neu
c	151	12	17.9	24	6	ABL61081	Abl61081 Pterin Mo
	152	12	17.9	24	6	ABV73595	Abv73595 Human tyr
c	153	12	17.9	24	6	ABK48222	Abk48222 Human mit
c	154	12	17.9	24	8	ABX12595	Abx12595 Dihydropy
c	155	12	17.9	24	9	ACC84795	Acc84795 SIV pol g
c	156	12	17.9	24	10	ADE14316	Ade14316 Optineuri
	157	12	17.9	25	6	ADA43433	Ada43433 Human ast
	158	12	17.9	25	6	ABA98997	Aba98997 Human ast
	159	12	17.9	25	9	ACK00268	Ack00268 Human mic
	160	12	17.9	25	9	ACK00400	Ack00400 Human mic
c	161	12	17.9	25	9	ACK09883	Ack09883 Human mic
c	162	12	17.9	25	9	ACI09094	Aci09094 Human mic
c	163	12	17.9	25	9	ACI12233	Aci12233 Human mic
	164	12	17.9	25	9	ACI51552	Aci51552 Human mic
c	165	12	17.9	25	9	ACK09882	Ack09882 Human mic
	166	12	17.9	25	9	ACI11473	Acil11473 Human mic
	167	12	17.9	25	9	ACK14548	Ack14548 Human mic
c	168	12	17.9	26	2	AAT79892	Aat79892 Anti-Fact
c	169	12	17.9	26	2	AAX10061	Aax10061 Human bia
	170	12	17.9	26	2	AAV25398	Aax25398 Human com
	171	12	17.9	26	3	ABK11947	Abk11947 Mutant Gr
	172	12	17.9	26	3	AAA08561	Aaa08561 3' primer
c	173	12	17.9	26	6	ABK23991	Abk23991 Synthetic
c	174	12	17.9	27	4	ABK52298	Abk52298 Human D-c
c	175	12	17.9	27	4	AAH38225	Aah38225 SNP speci
c	176	12	17.9	28	3	ABK11946	Abk11946 Mutant Gr
	177	12	17.9	29	2	AAV51870	Aav51870 Zea mays

c 178	12	17.9	29	5	AAH43088	Aah43088 PCR prime
c 179	12	17.9	30	2	AAT77384	Aat77384 Anti-Fact
c 180	12	17.9	30	6	ABK23944	Abk23944 Human ant
181	12	17.9	30	6	ABX69948	Abx69948 Novel Hel
182	12	17.9	31	4	AAI29616	Aai29616 Human sin
c 183	12	17.9	31	4	AAC84832	Aac84832 399Forwar
184	12	17.9	31	5	AAF76703	Aaf76703 Human PTP
185	12	17.9	32	10	ADK71224	Adk71224 Drug-tole
186	12	17.9	32	12	ADJ93601	Adj93601 16s rDNA
c 187	12	17.9	33	6	AAI72664	Aai72664 Human NAD
c 188	12	17.9	33	8	ABX11646	Abx11646 Human ubi
c 189	12	17.9	33	10	ADC49266	Adc49266 Tobacco a
c 190	12	17.9	33	10	ABZ74755	Abz74755 Human ant
c 191	12	17.9	37	12	ADO39750	Ado39750 Cowan I p
192	12	17.9	39	6	ABS71810	Abs71810 Full-leng
193	12	17.9	39	6	ABS71812	Abs71812 Full-leng
c 194	12	17.9	39	6	ABA51689	Aba51689 Staphyloc
c 195	12	17.9	39	10	ABZ74770	Abz74770 Human ant
196	12	17.9	40	8	ABT32683	Abt32683 Microbial
c 197	12	17.9	40	10	ADD24537	Add24537 DNA polym
c 198	12	17.9	41	6	ABZ47557	Abz47557 Human ATP
c 199	12	17.9	41	8	ABX11648	Abx11648 Human ubi
200	12	17.9	43	6	ABZ27005	Abz27005 Candida e
c 201	12	17.9	45	2	AAT26019	Aat26019 Human gen
202	12	17.9	46	2	AAT25577	Aat25577 Human gen
c 203	12	17.9	47	3	AAZ65992	Aaz65992 Human map
c 204	12	17.9	47	3	AAZ68509	Aaz68509 Human map
205	12	17.9	47	3	AAZ65729	Aaz65729 Human map
c 206	12	17.9	50	4	AAF60828	Aaf60828 GPR10/UHR
207	12	17.9	50	6	ABZ02686	Abz02686 Human leu
208	12	17.9	50	6	ABZ07964	Abz07964 Human leu
209	12	17.9	50	10	ADG84355	Adg84355 Human TMD
210	12	17.9	51	4	AAL29453	Aal29453 Human SNP
c 211	12	17.9	51	4	AAL32410	Aal32410 Human SNP
c 212	12	17.9	51	4	AAL30403	Aal30403 Human SNP
c 213	12	17.9	51	4	AAI73450	Aai73450 Human sil
214	12	17.9	51	4	AAI77332	Aai77332 Human sil
c 215	12	17.9	51	4	AAI73451	Aai73451 Human sil
216	12	17.9	51	4	AAH90682	Aah90682 Human clo
217	12	17.9	51	4	AAH90681	Aah90681 Human clo
c 218	12	17.9	51	4	AAH90681	Aah90681 Human clo
c 219	12	17.9	52	2	AAV76383	Aav76383 Staphyloc
c 220	12	17.9	55	4	AAH36887	Aah36887 Human col
221	12	17.9	59	4	AAH72116	Aah72116 Human cer
222	12	17.9	60	6	ABN46638	Abn46638 Human spl
223	12	17.9	60	6	ABN35097	Abn35097 Human spl
224	12	17.9	60	6	ABN34614	Abn34614 Human spl
225	12	17.9	65	2	AAT24151	Aat24151 Human gen
c 226	12	17.9	65	6	ABZ28731	Abz28731 Candida g
227	12	17.9	65	6	ABZ29017	Abz29017 Candida g
c 228	12	17.9	65	6	ABZ29397	Abz29397 Candida g
c 229	12	17.9	65	6	AAI68715	Aai68715 Rat prost
230	12	17.9	65	12	ADP97295	Adp97295 C. albica
231	12	17.9	67	2	AAT23215	Aat23215 Human gen
c 232	12	17.9	67	5	AAC92406	Aac92406 Oligonucl
233	12	17.9	68	4	AAH36403	Aah36403 Human col
234	12	17.9	70	10	ACF57738	Acf57738 SeINPV no

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235	12	17.9	72	12	ADG99589	Adg99589 Kidney di
c 236	12	17.9	76	2	AAT23172	Aat23172 Human gen
c 237	12	17.9	76	4	AAH46607	Aah46607 Synthetic
c 238	12	17.9	77	6	AAI68714	Aai68714 Rat prost
239	12	17.9	83	4	AAF55879	Aaf55879 Linker #4
240	12	17.9	84	10	ADD44485	Add44485 DNA of an
c 241	12	17.9	86	6	ABK23988	Abk23988 Synthetic
242	12	17.9	87	5	AAF25142	Aaf25142 Sequence
243	12	17.9	87	5	AAF25141	Aaf25141 Sequence
244	12	17.9	90	2	AAX35537	Aax35537 DNA encod
245	12	17.9	90	3	AAC12396	Aac12396 Human sec
246	12	17.9	90	4	AAD14872	Aad14872 Mouse F-b
247	12	17.9	90	6	ABN66866	Abn66866 Streptoco
248	12	17.9	90	10	AAD60312	Aad60312 Mouse F-b
c 249	12	17.9	91	6	ABK23941	Abk23941 Human ant
250	12	17.9	93	6	ABQ81922	Abq81922 Kaposi's
c 251	12	17.9	93	6	AAI68708	Aai68708 Rat prost
252	12	17.9	93	10	ADC13407	Adc13407 Kaposi's
c 253	12	17.9	95	6	AAI68707	Aai68707 Rat prost
c 254	12	17.9	95	6	AAI68719	Aai68719 Rat prost
c 255	12	17.9	95	6	AAI68718	Aai68718 Rat prost
c 256	12	17.9	96	4	AAS07052	Aas07052 DNA encod
c 257	12	17.9	96	6	AAI68704	Aai68704 Rat prost
c 258	12	17.9	96	10	ABZ42000	Abz42000 N. gonorr
c 259	12	17.9	98	6	AAI68706	Aai68706 Rat prost
c 260	12	17.9	99	10	ADD33594	Add33594 Mouse mit
261	12	17.9	100	8	ACD79201	Acd79201 E. coli K
c 262	12	17.9	100	8	ACD78659	Acd78659 E. coli K
263	12	17.9	100	8	ACD75083	Acd75083 E. coli K
c 264	12	17.9	100	8	ACD77173	Acd77173 E. coli K
265	12	17.9	100	8	ACD75082	Acd75082 E. coli K
266	12	17.9	100	8	ACD81524	Acd81524 E. coli K
c 267	12	17.9	100	10	ABX61314	Abx61314 Arabidops
268	11	16.4	11	12	ADQ35775	Adq35775 Human hai
c 269	11	16.4	12	5	ABI40776	Abi40776 Oligonucl
c 270	11	16.4	12	5	ABI58177	Abi58177 Oligonucl
271	11	16.4	12	5	ABI02739	Abi02739 Oligonucl
c 272	11	16.4	12	5	ABI37639	Abi37639 Oligonucl
c 273	11	16.4	12	5	ABI81707	Abi81707 Oligonucl
c 274	11	16.4	12	5	ABH93074	Abh93074 Oligonucl
c 275	11	16.4	12	5	ABH68206	Abh68206 Oligonucl
276	11	16.4	12	5	ABH74902	Abh74902 Oligonucl
c 277	11	16.4	12	5	ABH75872	Abh75872 Oligonucl
278	11	16.4	12	5	ABH75873	Abh75873 Oligonucl
c 279	11	16.4	12	5	ABI01511	Abi01511 Oligonucl
280	11	16.4	12	5	ABH77297	Abh77297 Oligonucl
281	11	16.4	12	5	ABI32155	Abi32155 Oligonucl
c 282	11	16.4	12	5	ABI51945	Abi51945 Oligonucl
c 283	11	16.4	12	5	ABI79585	Abi79585 Oligonucl
c 284	11	16.4	12	5	ABH67658	Abh67658 Oligonucl
285	11	16.4	12	5	ABI55356	Abi55356 Oligonucl
c 286	11	16.4	12	5	ABI34679	Abi34679 Oligonucl
c 287	11	16.4	12	5	ABH91710	Abh91710 Oligonucl
288	11	16.4	12	5	ABI12160	Abi12160 Oligonucl
c 289	11	16.4	12	5	ABI58694	Abi58694 Oligonucl
290	11	16.4	12	5	ABI74689	Abi74689 Oligonucl
c 291	11	16.4	12	5	ABH72721	Abh72721 Oligonucl

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c 292	11	16.4	12	5	ABH73952	Abh73952 Oligonucl
c 293	11	16.4	12	5	ABI09637	Abi09637 Oligonucl
294	11	16.4	12	5	ABI50125	Abi50125 Oligonucl
c 295	11	16.4	12	5	ABI73471	Abi73471 Oligonucl
296	11	16.4	12	5	ABI73818	Abi73818 Oligonucl
297	11	16.4	12	5	ABI04075	Abi04075 Oligonucl
298	11	16.4	12	5	ABI08363	Abi08363 Oligonucl
c 299	11	16.4	12	5	ABI36143	Abi36143 Oligonucl
300	11	16.4	12	5	ABI48912	Abi48912 Oligonucl
301	11	16.4	12	5	ABI49046	Abi49046 Oligonucl
c 302	11	16.4	12	5	ABI77698	Abi77698 Oligonucl
303	11	16.4	12	5	ABI00846	Abi00846 Oligonucl
304	11	16.4	12	5	ABI65512	Abi65512 Oligonucl
c 305	11	16.4	12	5	ABI25011	Abi25011 Oligonucl
306	11	16.4	12	5	ABI03813	Abi03813 Oligonucl
c 307	11	16.4	12	5	ABH87792	Abh87792 Oligonucl
308	11	16.4	12	5	ABI67665	Abi67665 Oligonucl
c 309	11	16.4	12	5	ABI71752	Abi71752 Oligonucl
310	11	16.4	12	5	ABI17764	Abi17764 Oligonucl
311	11	16.4	12	5	ABI43146	Abi43146 Oligonucl
312	11	16.4	12	5	ABH87272	Abh87272 Oligonucl
c 313	11	16.4	12	5	ABI42604	Abi42604 Oligonucl
314	11	16.4	12	5	ABI71900	Abi71900 Oligonucl
c 315	11	16.4	12	5	ABI01517	Abi01517 Oligonucl
316	11	16.4	12	5	ABI26818	Abi26818 Oligonucl
c 317	11	16.4	12	5	ABI69185	Abi69185 Oligonucl
318	11	16.4	13	4	ABC19279	Abc19279 Oligonucl
c 319	11	16.4	13	4	ABC71503	Abc71503 Oligonucl
c 320	11	16.4	13	4	ABC98382	Abc98382 Oligonucl
321	11	16.4	13	5	ABF09772	Abf09772 Oligonucl
c 322	11	16.4	13	5	ABC36124	Abc36124 Oligonucl
c 323	11	16.4	13	5	ABF22414	Abf22414 Oligonucl
c 324	11	16.4	13	5	ABF36672	Abf36672 Oligonucl
325	11	16.4	13	5	ABF95527	Abf95527 Oligonucl
c 326	11	16.4	13	5	ABF45746	Abf45746 Oligonucl
c 327	11	16.4	13	5	ABF99609	Abf99609 Oligonucl
328	11	16.4	13	5	ABH27545	Abh27545 Oligonucl
329	11	16.4	13	5	ABF58782	Abf58782 Oligonucl
c 330	11	16.4	13	5	ABF58783	Abf58783 Oligonucl
c 331	11	16.4	13	5	ABC67866	Abc67866 Oligonucl
c 332	11	16.4	13	5	ABC66776	Abc66776 Oligonucl
c 333	11	16.4	13	5	ABF95526	Abf95526 Oligonucl
334	11	16.4	13	5	ABH02981	Abh02981 Oligonucl
335	11	16.4	13	5	ABH31924	Abh31924 Oligonucl
c 336	11	16.4	13	5	ABH33837	Abh33837 Oligonucl
337	11	16.4	13	5	ABC98383	Abc98383 Oligonucl
c 338	11	16.4	13	5	ABF44552	Abf44552 Oligonucl
339	11	16.4	13	5	ABF44553	Abf44553 Oligonucl
c 340	11	16.4	13	5	ABF47252	Abf47252 Oligonucl
341	11	16.4	13	5	ABH48491	Abh48491 Oligonucl
c 342	11	16.4	13	5	ABH62227	Abh62227 Oligonucl
343	11	16.4	13	5	ABC00801	Abc00801 Oligonucl
344	11	16.4	13	5	ABF14413	Abf14413 Oligonucl
345	11	16.4	13	5	ABF15938	Abf15938 Oligonucl
346	11	16.4	13	5	ABF47925	Abf47925 Oligonucl
347	11	16.4	13	5	ABF59197	Abf59197 Oligonucl
c 348	11	16.4	13	5	ABH14964	Abh14964 Oligonucl

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c 349	11	16.4	13	5	ABF07569	Abf07569 Oligonucl
c 350	11	16.4	13	5	ABF08991	Abf08991 Oligonucl
c 351	11	16.4	13	5	ABC14866	Abc14866 Oligonucl
352	11	16.4	13	5	ABC14867	Abc14867 Oligonucl
c 353	11	16.4	13	5	ABF47256	Abf47256 Oligonucl
c 354	11	16.4	13	5	ABF47924	Abf47924 Oligonucl
355	11	16.4	13	5	ABC45428	Abc45428 Oligonucl
356	11	16.4	13	5	ABC46273	Abc46273 Oligonucl
357	11	16.4	13	5	ABC04016	Abc04016 Oligonucl
c 358	11	16.4	13	5	ABC04017	Abc04017 Oligonucl
c 359	11	16.4	13	5	ABC07679	Abc07679 Oligonucl
c 360	11	16.4	13	5	ABF09773	Abf09773 Oligonucl
361	11	16.4	13	5	ABC36125	Abc36125 Oligonucl
362	11	16.4	13	5	ABC62461	Abc62461 Oligonucl
363	11	16.4	13	5	ABF22415	Abf22415 Oligonucl
c 364	11	16.4	13	5	ABF94080	Abf94080 Oligonucl
c 365	11	16.4	13	5	ABF46377	Abf46377 Oligonucl
c 366	11	16.4	13	5	ABH02980	Abh02980 Oligonucl
367	11	16.4	13	5	ABC56792	Abc56792 Oligonucl
c 368	11	16.4	13	5	ABC87660	Abc87660 Oligonucl
369	11	16.4	13	5	ABC87661	Abc87661 Oligonucl
c 370	11	16.4	13	5	ABC88102	Abc88102 Oligonucl
c 371	11	16.4	13	5	ABF26979	Abf26979 Oligonucl
c 372	11	16.4	13	5	ABH45017	Abh45017 Oligonucl
373	11	16.4	13	5	ABH45041	Abh45041 Oligonucl
374	11	16.4	13	5	ABC67867	Abc67867 Oligonucl
c 375	11	16.4	13	5	ABC56793	Abc56793 Oligonucl
376	11	16.4	13	5	ABF10538	Abf10538 Oligonucl
c 377	11	16.4	13	5	ABF98298	Abf98298 Oligonucl
378	11	16.4	13	5	ABF98299	Abf98299 Oligonucl
c 379	11	16.4	13	5	ABH45040	Abh45040 Oligonucl
c 380	11	16.4	13	5	ABC00800	Abc00800 Oligonucl
381	11	16.4	13	5	ABF07568	Abf07568 Oligonucl
382	11	16.4	13	5	ABC66300	Abc66300 Oligonucl
c 383	11	16.4	13	5	ABC92240	Abc92240 Oligonucl
384	11	16.4	13	5	ABF47257	Abf47257 Oligonucl
385	11	16.4	13	5	ABH33836	Abh33836 Oligonucl
c 386	11	16.4	13	5	ABF59196	Abf59196 Oligonucl
c 387	11	16.4	13	5	ABH46163	Abh46163 Oligonucl
c 388	11	16.4	13	5	ABC46272	Abc46272 Oligonucl
389	11	16.4	13	5	ABC23175	Abc23175 Oligonucl
c 390	11	16.4	13	5	ABC99060	Abc99060 Oligonucl
391	11	16.4	13	5	ABC49204	Abc49204 Oligonucl
c 392	11	16.4	13	5	ABF10539	Abf10539 Oligonucl
c 393	11	16.4	13	5	ABF15939	Abf15939 Oligonucl
c 394	11	16.4	13	5	ABC66301	Abc66301 Oligonucl
395	11	16.4	13	5	ABF47253	Abf47253 Oligonucl
396	11	16.4	13	5	ABF48259	Abf48259 Oligonucl
397	11	16.4	13	5	ABH14965	Abh14965 Oligonucl
c 398	11	16.4	13	5	ABF91637	Abf91637 Oligonucl
c 399	11	16.4	13	5	ABH47788	Abh47788 Oligonucl
c 400	11	16.4	13	5	ABC19278	Abc19278 Oligonucl
c 401	11	16.4	13	5	ABF05102	Abf05102 Oligonucl
402	11	16.4	13	5	ABF05103	Abf05103 Oligonucl
403	11	16.4	13	5	ABF08990	Abf08990 Oligonucl
404	11	16.4	13	5	ABC92241	Abc92241 Oligonucl
405	11	16.4	13	5	ABF99608	Abf99608 Oligonucl

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406	11	16.4	13	5	ABF91636	Abf91636 Olig nucl
407	11	16.4	13	5	ABH46162	Abh46162 Olig nucl
408	11	16.4	13	5	ABC87665	Abc87665 Olig rucl
409	11	16.4	13	5	ABC66777	Abc66777 Olig rucl
410	11	16.4	13	5	ABH19064	Abh19064 Olig rucl
c 411	11	16.4	13	5	ABF73974	Abf73974 Olig nucl
412	11	16.4	13	5	ABH45016	Abh45016 Olig nucl
c 413	11	16.4	13	5	ABH48490	Abh48490 Olig nucl
c 414	11	16.4	13	5	ABH57103	Abh57103 Olig rucl
415	11	16.4	13	5	ABC99061	Abc99061 Olig nucl
c 416	11	16.4	13	5	ABC03257	Abc03257 Olig nucl
c 417	11	16.4	13	5	ABC36114	Abc36114 Olig nucl
418	11	16.4	13	5	ABC36115	Abc36115 Olig rucl
c 419	11	16.4	13	5	ABC87664	Abc87664 Olig rucl
420	11	16.4	13	5	ABF73975	Abf73975 Olig rucl
421	11	16.4	13	5	ABH47789	Abh47789 Olig rucl
422	11	16.4	13	5	ABH62226	Abh62226 Oligorrucl
423	11	16.4	13	5	ABC71502	Abc71502 Olig rucl
c 424	11	16.4	13	5	ABC62460	Abc62460 Olig nucl
425	11	16.4	13	5	ABC88103	Abc88103 Olig nucl
c 426	11	16.4	13	5	ABF48258	Abf48258 Olig nucl
c 427	11	16.4	13	5	ABH27544	Abh27544 Olig nucl
c 428	11	16.4	13	5	ABC45429	Abc45429 Olig rucl
c 429	11	16.4	13	5	ABC23174	Abc23174 Olig rucl
c 430	11	16.4	13	5	ABC49205	Abc49205 Oligonucl
431	11	16.4	13	5	ABC03256	Abc03256 Olig rucl
432	11	16.4	13	5	ABF26978	Abf26978 Oligorrucl
433	11	16.4	13	5	ABH57102	Abh57102 Oligorrucl
434	11	16.4	13	5	ABC07678	Abc07678 Oligonucl
c 435	11	16.4	13	5	ABF14412	Abf14412 Oligonucl
436	11	16.4	13	5	ABF36673	Abf36673 Oligonucl
c 437	11	16.4	13	5	ABH19065	Abh19065 Oligonucl
438	11	16.4	13	5	ABF94081	Abf94081 Oligorrucl
439	11	16.4	13	5	ABF45747	Abf45747 Oligonucl
440	11	16.4	13	5	ABF46376	Abf46376 Oligorrucl
c 441	11	16.4	13	5	ABH31925	Abh31925 Oligorrucl
c 442	11	16.4	15	2	AAT37629	Aat37629 Apo(a) mR
c 443	11	16.4	15	2	AAT37627	Aat37627 Apo(a) mR
c 444	11	16.4	15	6	ABS51925	Abs51925 Human FMO
c 445	11	16.4	15	6	ABL45746	Abl45746 Human MMP
c 446	11	16.4	15	12	ADH50452	Adh50452 Bacterial
c 447	11	16.4	16	10	ADD07203	Add07203 Zoster vi
448	11	16.4	16	10	ADD07248	Add07248 HSV-1 (17
449	11	16.4	17	4	ABK00194	Abk00194 Human NOG
450	11	16.4	17	4	ABK00195	Abk00195 Human NOG
451	11	16.4	17	4	ABK02155	Abk02155 Human NOG
452	11	16.4	17	4	ABK00193	Abk00193 Human NOG
453	11	16.4	17	4	ABK01900	Abk01900 Human NOG
454	11	16.4	17	6	ABK56393	Abk56393 Human CLC
455	11	16.4	17	6	ABK57327	Abk57327 Human CLC
456	11	16.4	17	6	ABK57118	Abk57118 Human CLC
457	11	16.4	17	8	ABZ60809	Abz60809 Human K-R
458	11	16.4	17	8	ABZ60810	Abz60810 Human K-R
459	11	16.4	17	8	ABZ60808	Abz60808 Human K-R
460	11	16.4	17	10	ADE31036	Ade31036 Cholester
461	11	16.4	17	10	ADI52256	Adi52256 Human tum
c 462	11	16.4	17	10	ACC54484	Acc54484 Human tum

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463	11	16.4	18	2	AAQ30236	Aaq30236 Oligomer
464	11	16.4	18	2	AAQ30235	Aaq30235 Oligomer
c 465	11	16.4	18	6	ABK12798	Abk12798 Isolation
466	11	16.4	18	6	AAI68723	Aai68723 Rat prost
467	11	16.4	19	2	AAQ89909	Aaq89909 Cystic fi
c 468	11	16.4	19	3	AAZ74444	Aaz74444 Human bia
469	11	16.4	19	3	AAZ69875	Aaz69875 Human bia
c 470	11	16.4	19	10	ADE29702	Ade29702 Mitogen a
471	11	16.4	19	10	ADE29539	Ade29539 Mitogen a
472	11	16.4	19	10	ADF74684	Adf74684 Rat Subst
473	11	16.4	19	10	ADF78381	Adf78381 Chromosom
474	11	16.4	19	10	ADH53186	Adh53186 Human APC
c 475	11	16.4	20	2	AAT71798	Aat71798 K-ras pos
c 476	11	16.4	20	2	AAV37680	Aav37680 Allelic v
477	11	16.4	20	2	AAZ04100	Aaz04100 PCR prime
c 478	11	16.4	20	2	AAX94883	Aax94883 PCR prime
479	11	16.4	20	3	AAA94488	Aaa94488 Antisense
480	11	16.4	20	3	AAA94486	Aaa94486 Antisense
481	11	16.4	20	3	AAA94487	Aaa94487 Antisense
482	11	16.4	20	3	AAZ70480	Aaz70480 Human bia
c 483	11	16.4	20	3	AAA11842	Aaa11842 Human MDM
484	11	16.4	20	3	AAZ44552	Aaz44552 Newcastle
485	11	16.4	20	4	AAC92812	Aac92812 Human hnR
c 486	11	16.4	20	5	AAH22128	Aah22128 Human euk
c 487	11	16.4	20	5	AAF56419	Aaf56419 Neisseria
c 488	11	16.4	20	5	AAH46835	Aah46835 Nucleotid
c 489	11	16.4	20	6	ABK37085	Abk37085 Human lys
490	11	16.4	20	6	AAD37174	Aad37174 Human MEK
491	11	16.4	20	6	ABT13886	Abt13886 Human hel
c 492	11	16.4	20	6	ABK68955	Abk68955 Human pho
c 493	11	16.4	20	6	ABQ80586	Abq80586 PCR prime
494	11	16.4	20	6	ABI94762	Abi94762 Capture o
c 495	11	16.4	20	8	AAD55876	Aad55876 Hum n myo
496	11	16.4	20	8	AAD52994	Aad52994 Bacteriop
497	11	16.4	20	8	ACC49195	Acc49195 Human rib
498	11	16.4	20	9	ABZ81562	Abz81562 PKA regul
499	11	16.4	20	9	ABZ81561	Abz81561 PKA regul
c 500	11	16.4	20	10	ADC98440	Adc98440 K15601 po
501	11	16.4	20	10	ABZ88729	Abz88729 Human oli
502	11	16.4	20	10	ABZ88730	Abz88730 Human oli
503	11	16.4	20	11	ADN60091	Adn60091 Human hel
504	11	16.4	20	11	ABD24959	Abd24959 AI1:8216-
505	11	16.4	20	11	ABD24960	Abd24960 AI1:8216-
c 506	11	16.4	20	12	ADG20559	Adg20559 RNA SEL ge
507	11	16.4	20	12	ADJ84965	Adj84965 Nucleic a
c 508	11	16.4	20	12	ADK74119	Adk74119 Chimeric
c 509	11	16.4	20	12	ADK73636	Adk73636 Chimeric
c 510	11	16.4	20	12	ADK73872	Adk73872 Chimeric
c 511	11	16.4	20	12	ADK75820	Adk75820 Chimeric
c 512	11	16.4	20	12	ADK74298	Adk74298 Chimeric
c 513	11	16.4	20	12	ADK74524	Adk74524 Chimeric
c 514	11	16.4	20	12	ADK73585	Adk73585 Chimeric
c 515	11	16.4	20	12	ADK73662	Adk73662 Chimeric
c 516	11	16.4	20	12	ADK73729	Adk73729 Chimeric
c 517	11	16.4	20	12	ADK77465	Adk77465 Chimeric
518	11	16.4	20	12	ADP78639	Adp78639 Chimeric
519	11	16.4	20	12	ADP78774	Adp78774 Chimeric

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520	11	16.4	20	12	ADP78404	Adp78404 Chimeric
521	11	16.4	20	12	ADP78538	Adp78538 Chimeric
522	11	16.4	20	12	ADP78828	Adp78828 Chimeric
523	11	16.4	20	12	ADP79184	Adp79184 Chimeric
524	11	16.4	20	12	ADP79161	Adp79161 Chimeric
525	11	16.4	20	12	ADP78553	Adp78553 Chimeric
526	11	16.4	20	12	ADP78678	Adp78678 Chimeric
527	11	16.4	20	12	ADP78651	Adp78651 Chimeric
c 528	11	16.4	20	12	ADO25037	Ado25037 Mouse che
529	11	16.4	20	12	ADN75011	Adn75011 Human hyp
530	11	16.4	20	12	ADP81805	Adp81805 Human MD-
531	11	16.4	20	12	ADP09750	Adp09750 Bacteriop
532	11	16.4	20	12	ADP09766	Adp09766 Bacteriop
c 533	11	16.4	21	2	AAX09150	Aax09150 Human bia
c 534	11	16.4	21	2	AAX99267	Aax99267 Nucleotid
535	11	16.4	21	3	AAZ74781	Aaz74781 Human bia
c 536	11	16.4	21	3	AAZ74845	Aaz74845 Human bia
537	11	16.4	21	3	AAA95575	Aaa95575 TCR Valph
538	11	16.4	21	3	AAA62945	Aaa62945 Ant sense
539	11	16.4	21	3	AAA99080	Aaa99080 CPD last
540	11	16.4	21	9	ACA60928	Aca60928 Caesar rhab
c 541	11	16.4	21	10	ABZ74740	Abz74740 Human ant
542	11	16.4	21	12	ADN07134	Adn07134 A. fumiga
c 543	11	16.4	22	3	AAZ36522	Aaz36522 Probe hyb
c 544	11	16.4	22	6	ABA94553	Aba94553 Mycosphae
c 545	11	16.4	22	6	ABA94554	Aba94554 Mycosphae
c 546	11	16.4	22	10	ADD01389	Add01389 Human TCH
547	11	16.4	22	10	ADJ94566	Adj94566 Aspergill
548	11	16.4	22	12	ADN07121	Adn07121 A. fumiga
549	11	16.4	22	12	ADN08126	Adn08126 Sp fly-leg
550	11	16.4	22	12	ADN08101	Adn08101 Splay-leg
551	11	16.4	23	2	AAV01264	Aav01264 Pyruvate
552	11	16.4	23	2	AAV53297	Aav53297 ODC gene
c 553	11	16.4	23	6	ABL59275	Abl59275 PCR prime
c 554	11	16.4	23	6	ABL44354	Abl44354 Human chr
c 555	11	16.4	23	8	AAD53350	Aad53350 Forward p
556	11	16.4	23	8	ACC70849	Acc70849 Human G-p
c 557	11	16.4	23	9	ACD27419	Acd27419 Human CLC
558	11	16.4	23	9	ADB80915	Adb80915 Anoxia
559	11	16.4	23	10	ADC84307	Adc84307 Human pap
560	11	16.4	23	10	ADC84362	Adc84362 Human pap
561	11	16.4	23	10	ADF44209	Adf44209 HPV 82 de
562	11	16.4	23	10	ADF44264	Adf44264 HPV MM4 d
563	11	16.4	23	10	ADG37243	Adg37243 Human G-p
564	11	16.4	23	12	ADP80738	Adp80738 Staphyloc
c 565	11	16.4	24	2	AAT39413	Aat39413 Hel-11 se
c 566	11	16.4	24	2	AAV37430	Aav37430 Human Hel
567	11	16.4	24	2	AAX36684	Aax36684 PCR prime
c 568	11	16.4	24	4	AAH77636	Aah77636 Mouse sol
c 569	11	16.4	24	6	AAD27692	Aad27692 Mous Skp
570	11	16.4	24	6	AAD27693	Aad27693 Mous Skp
c 571	11	16.4	24	6	ABL49786	Abl49786 Human Kaz
c 572	11	16.4	24	6	ABA03004	Aba03004 Human zin
c 573	11	16.4	24	6	ABQ77557	Abq77557 Human pro
c 574	11	16.4	24	6	AAS19355	Aas19355 Human gap
c 575	11	16.4	24	6	ABL55647	Abl55647 Human CD6
576	11	16.4	24	6	ABK90834	Abk90834 Human ute

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577	11	16.4	24	6	ABA90681	Aba90681 Lactococc
c 578	11	16.4	24	6	ABL53936	Abl53936 Human MYB
c 579	11	16.4	24	6	ABZ69710	Abz69710 Human sul
c 580	11	16.4	24	6	ABA03789	Aba03789 Human per
c 581	11	16.4	24	6	AAL51672	Aal51672 Signal pe
c 582	11	16.4	24	6	ABL01787	Abl01787 Human MSH
583	11	16.4	24	6	ABA92713	Aba92713 Rice leaf
584	11	16.4	24	6	ABI86094	Abi86094 Capture o
c 585	11	16.4	24	6	ABI86095	Abi86095 Capture o
586	11	16.4	24	6	ABA05531	Aba05531 Molecular
c 587	11	16.4	24	10	ABZ25097	Abz25097 Arginase
588	11	16.4	24	10	ACA58254	Aca58254 Human fam
589	11	16.4	24	12	ADI35131	Adi35131 Human PLA
590	11	16.4	24	12	ADJ10032	Adj10032 Antisense
c 591	11	16.4	24	12	ADP10751	Adp10751 Set 1 lef
592	11	16.4	24	12	ADP80740	Adp80740 Staphyloc
593	11	16.4	24	12	ADP80741	Adp80741 Staphyloc
c 594	11	16.4	25	2	AAT73204	Aat73204 HIV-1 rev
c 595	11	16.4	25	2	AAQ98423	Aaq98423 Primer 3p
c 596	11	16.4	25	2	AAQ89180	Aaq89180 VEGF RNA
c 597	11	16.4	25	2	AAT65433	Aat65433 Platelet
c 598	11	16.4	25	2	AAX87002	Aax87002 Primer 3N
599	11	16.4	25	3	AAZ36934	Aaz36934 PCR prime
600	11	16.4	25	3	AAZ76883	Aaz76883 Human bia
c 601	11	16.4	25	3	AAA66489	Aaa66489 Dog genom
602	11	16.4	25	4	AAH45199	Aah45199 PCR prime
c 603	11	16.4	25	6	ABK47180	Abk47180 Human cal
604	11	16.4	25	8	ABZ23026	Abz23026 Sindbis v
605	11	16.4	25	9	ACI89444	Aci89444 Human mic
606	11	16.4	25	9	ACI21748	Aci21748 Human mic
c 607	11	16.4	25	9	ACI30177	Aci30177 Human mic
608	11	16.4	25	9	ACI89445	Aci89445 Human mic
c 609	11	16.4	25	9	ACI15169	Aci15169 Human mic
610	11	16.4	25	9	ACI17180	Aci17180 Human mic
c 611	11	16.4	25	9	ACK25876	Ack25876 Human mic
c 612	11	16.4	25	9	ACI28938	Aci28938 Human mic
613	11	16.4	25	9	ACK22077	Ack22077 Human mic
c 614	11	16.4	25	9	ACI63142	Aci63142 Human mic
615	11	16.4	25	9	ACI33802	Aci33802 Human mic
616	11	16.4	25	9	ACI12211	Aci12211 Human mic
617	11	16.4	25	9	ACI03615	Aci03615 Human mic
618	11	16.4	25	9	ACI41319	Aci41319 Human mic
c 619	11	16.4	25	9	ACK02798	Ack02798 Human mic
c 620	11	16.4	25	9	ACI28939	Aci28939 Human mic
c 621	11	16.4	25	9	ACI30807	Aci30807 Human mic
622	11	16.4	25	9	ACI47726	Aci47726 Human mic
623	11	16.4	25	9	ACI98687	Aci98687 Human mic
c 624	11	16.4	25	9	ACK02799	Ack02799 Human mic
625	11	16.4	25	9	ACI45268	Aci45268 Human mic
c 626	11	16.4	25	9	ACI48181	Aci48181 Human mic
627	11	16.4	25	9	ACI25061	Aci25061 Human mic
628	11	16.4	25	9	ACI12210	Aci12210 Human mic
629	11	16.4	25	9	ACI40717	Aci40717 Human mic
c 630	11	16.4	25	9	ACI76189	Aci76189 Human mic
631	11	16.4	25	9	ACI79456	Aci79456 Human mic
c 632	11	16.4	25	9	ACI72378	Aci72378 Human mic
c 633	11	16.4	25	9	ACI19043	Aci19043 Human mic

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634	11	16.4	25	9	ACK13616	Ack13616 Human mic
c 635	11	16.4	25	9	ACI15168	Aci15168 Human mic
c 636	11	16.4	25	9	ACK22949	Ack22949 Human mic
637	11	16.4	25	9	ACI25060	Aci25060 Human mic
c 638	11	16.4	25	9	ACK26512	Ack26512 Human mic
639	11	16.4	25	10	ADC16275	Adc16275 Chlamydia
c 640	11	16.4	25	10	ADC73315	Adc73315 Anthrax s
c 641	11	16.4	25	12	ADF91864	Adf91864 Random DN
c 642	11	16.4	25	12	ADJ38796	Adj38796 Shiga-lik
c 643	11	16.4	25	12	ADJ38779	Adj38779 Anthrax b
c 644	11	16.4	25	12	ADP16975	Adp16975 Renal cel
c 645	11	16.4	25	12	ADP18164	Adp18164 Renal cel
646	11	16.4	25	12	ADP80743	Adp80743 Staphyloc
647	11	16.4	26	2	AAQ99668	Aaq99668 Homology
648	11	16.4	26	2	AAT10232	Aat10232 Novel seq
649	11	16.4	26	2	ADH29703	Adh29703 ILT gIG g
c 650	11	16.4	26	2	AAX09203	Aax09203 Human bia
651	11	16.4	26	2	AAV16358	Aav16358 PCR prime
c 652	11	16.4	26	3	AAZ91994	Aaz91994 Mahogany
c 653	11	16.4	26	3	AAA13685	Aaa13685 Factor VI
654	11	16.4	26	5	AAC84189	Aac84189 En-1 spec
655	11	16.4	26	5	AAD20972	Aad20972 Maize En/
c 656	11	16.4	26	8	ABT16172	Abt16172 NOVX rela
657	11	16.4	26	12	ADJ51106	Adj51106 Human NOV
c 658	11	16.4	26	12	ADO41863	Ado41863 Novel hum
c 659	11	16.4	26	12	ADP04986	Adp04986 Staphyloc
c 660	11	16.4	26	12	ADP80744	Adp80744 Staphyloc
c 661	11	16.4	26	12	ADP80745	Adp80745 Staphyloc
c 662	11	16.4	27	2	AAT31501	Aat31501 Primer E
c 663	11	16.4	27	2	AAT31513	Aat31513 Primer K
c 664	11	16.4	27	2	AAT31495	Aat31495 Primer C
c 665	11	16.4	27	2	AAX55667	Aax55667 Truncated
666	11	16.4	27	3	AAC70279	Aac70279 Single nu
667	11	16.4	27	3	AAC70225	Aac702.5 Single nu
c 668	11	16.4	27	5	AAI61393	Aai61393 Soybean 2
669	11	16.4	27	6	ARK61476	Abk61476 Human NOV
670	11	16.4	27	6	ABK61478	Abk61478 Human NOV
671	11	16.4	27	6	ABK49696	Abk49696 Mouse int
c 672	11	16.4	27	8	ABT14952	Abt14952 Pathogen
c 673	11	16.4	27	9	ACC85637	Acc85637 Secretin-
674	11	16.4	27	9	ADB87301	Adb87301 Human apo
675	11	16.4	28	2	AAT75935	Aat75935 DEN-2 clo
676	11	16.4	28	4	AAH38310	Aah38310 SNP speci
c 677	11	16.4	28	10	ABX95920	Abx95.20 PCR prime
678	11	16.4	29	4	AAF31300	Aaf31300 Nucleic a
679	11	16.4	29	4	AAF61311	Aaf61311 En-1 tran
c 680	11	16.4	29	6	ABQ81579	Abq81579 Luciferas
c 681	11	16.4	29	12	ADP80703	Adp80703 Staphyloc
c 682	11	16.4	30	2	AAQ20607	Aaq20607 Primer sp
683	11	16.4	30	2	AAQ26903	Aaq26903 Primer 20
684	11	16.4	30	2	AAT26197	Aat26197 Human gen
685	11	16.4	30	5	AAF61980	Aaf6 980 Eg chimer
c 686	11	16.4	30	6	ABQ80967	Abq80967 Dextrane
687	11	16.4	30	6	ABX67306	Abx673.6 Novel Hel
c 688	11	16.4	30	6	ABX68523	Abx685.3 Novel Hel
689	11	16.4	30	6	ABX67527	Abx67527 Novel Hel
c 690	11	16.4	30	6	ABQ81622	Abq81622 CYF1B1 an

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c 691	11	16.4	30	8	ACC70337	Acc70337 PCR prime
c 692	11	16.4	31	2	AAV67881	Aav67881 Nucleotid
c 693	11	16.4	31	2	AAX39190	Aax39190 Human gen
c 694	11	16.4	31	2	AAX39343	Aax39343 Human gen
c 695	11	16.4	31	3	AAZ57026	Aaz57026 AcNPV p35
c 696	11	16.4	31	6	ABA03648	Aba03648 AcNPV p35
c 697	11	16.4	31	8	ABT31739	Abt31739 GAAP-1 re
698	11	16.4	31	12	ADP08553	Adp08553 PCR prime
c 699	11	16.4	31	12	ADP80707	Adp80707 Staphyloc
700	11	16.4	32	12	ADP12222	Adp12222 Taqman pr
c 701	11	16.4	33	2	AAQ29317	Aaq29317 PCR prime
c 702	11	16.4	33	2	AAQ81600	Aaq81600 Plasmodiu
703	11	16.4	33	2	AAX33102	Aax33102 Streptoco
c 704	11	16.4	33	3	AAA47765	Aaa47765 Primer (V
c 705	11	16.4	33	4	AAH76903	Aah76903 Human dih
706	11	16.4	33	6	ABZ25043	Abz25043 Histidyl-
707	11	16.4	33	6	ABN87591	Abn87591 Oligodend
708	11	16.4	33	6	AAL41277	Aal41277 Human fas
c 709	11	16.4	33	6	AAS19995	Aas19995 PCR prime
710	11	16.4	33	10	ADG65126	Adg65126 Primer of
c 711	11	16.4	33	10	ABZ74772	Abz74772 Human ant
c 712	11	16.4	33	11	ADM79733	Adm79733 Group B S
c 713	11	16.4	34	6	AAD44044	Aad44044 Rubisco-D
c 714	11	16.4	34	6	ABA00189	Aba00189 Probe Rub
715	11	16.4	34	12	ADN07660	Adn07660 Cotton ch
c 716	11	16.4	35	2	AAQ29318	Aaq29318 FCR prime
c 717	11	16.4	35	2	AAQ81601	Aaq81601 Plasmodiu
c 718	11	16.4	35	4	AAH79236	Aah79236 Human Na
719	11	16.4	35	6	ABA02803	Aba02803 Haemophil
720	11	16.4	35	8	ABT31738	Abt31738 C.I.P-1 re
721	11	16.4	36	10	ADE45062	Ade45062 C MP fact
c 722	11	16.4	36	10	ADG65018	Adg65018 Primer of
c 723	11	16.4	36	10	ABZ74748	Abz74748 Human ant
c 724	11	16.4	36	10	ABZ74738	Abz74738 Human ant
c 725	11	16.4	36	10	ABZ74753	Abz74753 Human ant
726	11	16.4	36	12	ADP80716	Adp80716 Staphyloc
727	11	16.4	37	2	AAV40840	Aav40840 Primer RS
c 728	11	16.4	37	2	AAV16045	Aav16045 PCR prime
c 729	11	16.4	37	3	AAZ43304	Aaz43304 Marine ty
c 730	11	16.4	37	3	A^A05289	Aaa05289 P R prime
c 731	11	16.4	37	4	ABK08476	Abk08476 Human CD2
732	11	16.4	37	4	AAH27441	Aah27441 P R prime
733	11	16.4	37	4	AAI71150	Aai71150 F finose
734	11	16.4	37	4	AAI71156	Aai71156 R finose
735	11	16.4	37	12	ADK18076	Adk18076 N 15 comb
736	11	16.4	37	12	ADK18165	Adk18165 SGN17 His
c 737	11	16.4	37	12	ADK18166	Adk18166 SGN17 His
c 738	11	16.4	37	12	ADJ53858	Adj53858 SGN17 His
739	11	16.4	37	12	ADJ54028	Adj54028 Combinato
740	11	16.4	37	12	ADJ53857	Adj53857 SGN17 His
c 741	11	16.4	38	2	AAV47981	Aav47981 Human B7-
c 742	11	16.4	38	4	AAF32823	Aaf32823 Human B7-
c 743	11	16.4	38	4	AAF77425	Aaf77425 Forward P
c 744	11	16.4	38	8	AAL50162	Aal50162 Riction-co
c 745	11	16.4	38	10	ADE27758	Ade27758 Human B7-
746	11	16.4	38	10	ADE45068	Ade45068 CAMP fact
c 747	11	16.4	38	10	ADG65112	Adg65112 Primer of

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c 748	11	16.4	38	10	ADG65050	Adg65050 Primer of
749	11	16.4	38	10	ADH69096	Adh69096 Hepatitis
c 750	11	16.4	38	12	ADJ54200	Adj54200 Human B7-
c 751	11	16.4	38	12	ADP80717	Adp80717 Staphyloc
c 752	11	16.4	39	6	ABQ75993	Abq75993 Forward p
753	11	16.4	40	3	AAZ94303	Aaz94303 Rat M3 mu
754	11	16.4	40	3	AAZ94354	Aaz94354 Rat musca
755	11	16.4	40	12	ADH05514	Adh05514 Gene poly
756	11	16.4	40	12	ADH91301	Adh91301 1-beta-me
757	11	16.4	41	5	AAH46285	Aah46285 Human pro
758	11	16.4	41	5	AAI69741	Aai69741 Human ret
759	11	16.4	41	6	AAL41279	Aal41279 Human fas
c 760	11	16.4	41	6	ABZ44240	Abz44240 Human ATP
c 761	11	16.4	41	6	ARZ48349	Abz48349 Human org
762	11	16.4	41	6	ABZ46119	Abz46119 Human org
c 763	11	16.4	41	6	ABZ46185	Abz46185 Human org
764	11	16.4	41	6	ABZ48284	Abz48284 Human org
c 765	11	16.4	41	6	ARZ45377	Abz45377 Human ATP
766	11	16.4	41	6	ABZ45879	Abz45879 Human glu
c 767	11	16.4	41	6	ABZ46594	Abz46594 Human ATP
c 768	11	16.4	41	6	ABZ46805	Abz46805 Human ATP
769	11	16.4	41	6	ABZ49488	Abz49488 Human glu
770	11	16.4	41	6	ABX14847	Abx14847 ATP depen
c 771	11	16.4	41	6	AAK99649	Aak99649 Hydrogen
c 772	11	16.4	41	8	ACC42803	Acc42803 Ribosome
c 773	11	16.4	41	8	ACC42804	Acc42804 Ribosome
c 774	11	16.4	41	8	ABX11649	Abx11649 Human ubi
775	11	16.4	41	12	ADH05513	Adh05513 Gene poly
776	11	16.4	41	12	ADH05404	Adh05404 Gene poly
777	11	16.4	41	12	ADH91191	Adh91191 1-beta-me
778	11	16.4	41	12	ADH91300	Adh91300 1-beta-me
779	11	16.4	42	2	AAQ36449	Aaq36449 Mutagenic
c 780	11	16.4	42	2	AAV81964	Aav81964 V. marinu
c 781	11	16.4	42	3	AAA71557	Aaa71557 V. marinu
c 782	11	16.4	43	6	ARZ26959	Abz26959 Candida e
783	11	16.4	43	6	ARZ27933	Abz27933 Candida e
c 784	11	16.4	43	12	ADQ28198	Adq28198 Bacteriop
c 785	11	16.4	43	12	ADQ28200	Adq28200 Bacteriop
c 786	11	16.4	43	12	ADP96922	Adp96922 C. albica
787	11	16.4	44	10	ABT17563	Abt17563 Invader d
788	11	16.4	44	10	ABT17598	Abt17598 Invader d
c 789	11	16.4	45	12	ADH27898	Adh27898 Human chr
790	11	16.4	45	12	ADH27890	Adh27890 Human chr
791	11	16.4	46	2	AAQ35510	Aaq35510 Spacer MP
792	11	16.4	46	2	AAQ24853	Aaq24353 Cligonucl
c 793	11	16.4	46	3	AAZ35037	Aaz35037 I jmege
794	11	16.4	46	6	ABI98853	Abi98853 Cligonucl
795	11	16.4	46	11	ADM66051	Adm66051 Vaccinia
796	11	16.4	47	3	AAZ55106	Aaz55106 Neisseria
797	11	16.4	47	3	AAZ69310	Aaz69310 Human map
798	11	16.4	47	3	AAZ66345	Aaz66345 Human map
799	11	16.4	47	3	AAZ66940	Aaz66940 Human map
800	11	16.4	47	4	AAH88371	Aah88371 CNS disor
c 801	11	16.4	47	6	ARK40815	Abk40815 Human obe
c 802	11	16.4	48	3	AAZ89316	Aaz89316 F'V 16 or
c 803	11	16.4	48	12	ADP90780	Adp90780 rimer of
804	11	16.4	49	2	AAQ93294	Aaq93294 F m ly 3

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805	11	16.4	49	4	AAF70675	Aaf70675 2'NH2 RNA
c 806	11	16.4	49	6	ABN72092	Abn72092 Streptoco
807	11	16.4	49	10	ACF04987	Acf04987 Hair papi
c 808	11	16.4	50	2	AAQ46271	Aaq46271 IF-1 gene
c 809	11	16.4	50	4	AAL31212	Aal31212 Human SNP
c 810	11	16.4	50	4	AAL31448	Aal31448 Human SNP
811	11	16.4	50	4	AAL28052	Aal28052 Human SNP
c 812	11	16.4	50	4	AAL31211	Aal31211 Human SNP
c 813	11	16.4	50	4	AAL32444	Aal32444 Human SNP
814	11	16.4	50	4	AAL31147	Aal31147 Human SNP
815	11	16.4	50	4	AAL28051	Aal28051 Human SNP
816	11	16.4	50	6	ABZ45722	Abz45722 Human ATP
817	11	16.4	50	6	ABZ48119	Abz48119 Human ATP
c 818	11	16.4	50	6	ABK32970	Abk32970 Human lig
c 819	11	16.4	50	6	ABZ07767	Abz07767 Human leu
820	11	16.4	50	6	ABZ00052	Abz00052 Human leu
c 821	11	16.4	50	6	ABZ00418	Abz00418 Human leu
822	11	16.4	50	6	ABZ02983	Abz02983 Human leu
823	11	16.4	50	6	ABZ04548	Abz04548 Human leu
824	11	16.4	50	6	ABZ05429	Abz05429 Human leu
c 825	11	16.4	50	6	ABZ00405	Abz00405 Human leu
826	11	16.4	50	6	ABZ05491	Abz05491 Human leu
827	11	16.4	50	6	ABZ07395	Abz07395 Human leu
c 828	11	16.4	50	10	ADD31990	Add31990 BP-B1X a
829	11	16.4	50	10	ADG33380	Adg33380 Human DNA
c 830	11	16.4	51	2	AAV19361	Aav19361 R prime
c 831	11	16.4	51	2	AAV19360	Aav19360 R prime
832	11	16.4	51	4	AAL31148	Aal31148 Human SNP
833	11	16.4	51	4	AAL30693	Aal30693 Human SNP
c 834	11	16.4	51	4	AAL31729	Aal31729 Human SNP
835	11	16.4	51	4	AAL32437	Aal32437 Human SNP
c 836	11	16.4	51	4	AAI75691	Aai75691 Human sil
c 837	11	16.4	51	4	AAI75690	Aai75690 Human sil
838	11	16.4	51	4	AAI77878	Aai77878 Human sil
839	11	16.4	51	4	AAI76782	Aai76782 Human sil
840	11	16.4	51	4	AAH40672	Aah40672 Human SNP
c 841	11	16.4	51	5	ABL00481	Abl00481 Human sil
c 842	11	16.4	51	5	ABL00360	Abl00360 Human sil
c 843	11	16.4	51	5	ABL00480	Abl00480 Human sil
844	11	16.4	51	8	ABZ09121	Abz09121 Human oli
845	11	16.4	51	10	ABZ78574	Abz78574 Tumour su
c 846	11	16.4	51	10	ABZ74742	Abz74742 Human ant
c 847	11	16.4	52	2	AAQ73307	Aaq73307 p.CN14192
c 848	11	16.4	52	2	AAQ86763	Aaq86763 l cZalpha
c 849	11	16.4	52	2	AAQ93964	Aaq93964 Intronic
c 850	11	16.4	53	6	ABN71897	Abn71897 Sceptoco
851	11	16.4	54	2	AAV79353	Aav79353 S apyloc
852	11	16.4	54	2	AAV79342	Aav79342 S apyloc
853	11	16.4	54	12	ADH00004	Ad00004 Kidney di
854	11	16.4	55	3	AAC11311	Aac11311 Human sec
c 855	11	16.4	57	2	AAV76744	Aav76744 S apyloc
c 856	11	16.4	58	2	AAV79288	Aav79288 S apyloc
857	11	16.4	58	8	ABZ09130	Abz09130 Human oli
858	11	16.4	58	10	ACD96191	Acd96191 Human col
859	11	16.4	58	10	ABZ78583	Abz78583 Tumour su
860	11	16.4	59	2	AAT20458	Aat20458 Human gen
c 861	11	16.4	59	2	AAV77836	Aav77836 S apyloc

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862	11	16.4	59	3	AAA62662	Aaa62662 Cry2A fam
863	11	16.4	59	10	ADD68846	Add68846 CRY2-6 ol
c 864	11	16.4	60	6	ABN43422	Abn43422 Human spl
865	11	16.4	60	6	ABN59167	Abn59167 Human spl
c 866	11	16.4	60	6	ABN46973	Abn46973 Human spl
867	11	16.4	60	6	ABN37710	Abn37710 Human spl
c 868	11	16.4	60	6	ABN40399	Abn40399 Human spl
c 869	11	16.4	60	8	ABX50219	Abx50219 Bovine ES
c 870	11	16.4	60	10	ADH11126	Adh11126 E.coli AT
c 871	11	16.4	61	8	ACF19027	Acf19027 Tumour ce
c 872	11	16.4	61	10	ADC84850	Adc84850 MCF-7 bre
c 873	11	16.4	61	10	ACD96678	Adr96678 Human col
874	11	16.4	62	2	AAT20447	Aat20447 Human gen
875	11	16.4	64	3	AAZ61290	Aaz61290 Oligonucl
876	11	16.4	65	3	AAZ29563	Aaz29563 PCR Prime
c 877	11	16.4	65	6	ABZ27654	Abz27654 Candida e
878	11	16.4	65	6	ABZ26707	Abz26707 Candida e
c 879	11	16.4	65	6	ABZ27063	Abz27063 Candida e
c 880	11	16.4	65	6	ABZ28455	Abz28455 Candida g
881	11	16.4	65	6	ABZ28263	Abz28263 Candida g
882	11	16.4	65	6	ABZ28938	Abz28938 Candida g
c 883	11	16.4	65	6	ABZ28412	Abz28412 Candida g
c 884	11	16.4	65	6	ABZ27433	Abz27433 Candida e
885	11	16.4	65	6	ABZ27303	Abz27303 Candida e
886	11	16.4	65	6	ABZ28909	Abz28909 Candida g
c 887	11	16.4	65	6	ABZ27487	Abz27487 Candida e
888	11	16.4	65	6	ABZ28139	Abz28139 Candida g
c 889	11	16.4	65	6	ABZ26585	Abz26585 Candida e
c 890	11	16.4	65	6	ABZ28864	Abz28864 Candida g
891	11	16.4	65	6	ABZ28461	Abz28461 Candida g
892	11	16.4	65	6	ABN52796	Abn52796 I du. e spl
893	11	16.4	65	6	ABN30221	Abn30221 Rat splic
894	11	16.4	65	6	ABN57361	Ab. 57361 Mouse spl
895	11	16.4	65	6	ABN28980	Abn28980 F + splic
c 896	11	16.4	65	12	ADP97454	Adp97454 C. albica
c 897	11	16.4	66	2	AAV26845	Aav268 5 Recombina
898	11	16.4	66	3	AAC11461	Aac11461 Human sec
c 899	11	16.4	66	4	AAH93341	Aah93341 Plasmodiu
c 900	11	16.4	66	10	ABT17567	Abt17567 Invader d
c 901	11	16.4	66	10	ABT17601	Abt17601 Invader d
c 902	11	16.4	66	10	ABT17602	Abt17602 Invader d
c 903	11	16.4	66	10	ABT17566	Abt17566 Invader d
c 904	11	16.4	67	2	AAQ29197	Aaq29197 P. prime
c 905	11	16.4	67	2	AAH85571	Aah85571 F. sin
c 906	11	16.4	67	9	ADA09631	Ada09631 Parstricti
c 907	11	16.4	67	10	ADC56669	Adc56669 rEcoli pr
c 908	11	16.4	68	2	AAQ67807	Aaq67807 rD744 va
909	11	16.4	68	2	AAV79263	Aav79263 S. phylloc
c 910	11	16.4	68	2	AAT47607	Aat47607 F. MP
c 911	11	16.4	68	2	AAV17714	Aav17714 C. phage
c 912	11	16.4	68	2	AAZ08466	Aaz08466 J. mid p
c 913	11	16.4	68	6	AAI68720	Aai68720 Rat prost
c 914	11	16.4	68	8	ABZ09741	Ab.09741 Human oli
c 915	11	16.4	68	10	ABZ79194	Abz79194 T. our su
c 916	11	16.4	70	3	AAC69927	Aaa69927 T. beta-
917	11	16.4	70	10	ADC64820	Adc64820 T. BK-4L-
918	11	16.4	71	2	AAT22846	Aat22846 T. han gen

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c 919	11	16.4	71	2	AAV76780	Aav7678	Human phyloc
c 920	11	16.4	72	4	AAH72383	Aah72383	Human cer
c 921	11	16.4	73	2	AAT25546	Aat25546	Human gen
922	11	16.4	73	3	AAC11155	Aac11155	Human sec
923	11	16.4	73	8	ABZ09418	Abz09418	Human oli
924	11	16.4	73	10	ABZ78871	Abz78871	Tumour su
925	11	16.4	75	2	AAT20432	Aat20432	Human gen
926	11	16.4	76	2	AAT21246	Aat21246	Human gen
c 927	11	16.4	77	2	AAT25035	Aat25035	Human gen
928	11	16.4	77	2	AAT88602	Aat88602	F nucl
929	11	16.4	77	2	AAV79268	Aav79268	Human phyloc
930	11	16.4	78	3	AAC16722	Aac16722	Human sec
c 931	11	16.4	78	12	ADM87864	Adm87864	CP4-add R
932	11	16.4	79	2	AAT06251	Aat06251	Second ro
933	11	16.4	79	2	AAT06227	Aat06227	HIV-1 rev
934	11	16.4	79	2	AAT06235	Aat06235	Second ro
935	11	16.4	79	3	AAC25732	Aac25732	Human sec
936	11	16.4	79	4	AAK55455	Aak55455	Human imm
937	11	16.4	80	2	AAQ33826	Aaq33826	Human wntrea
938	11	16.4	80	2	AAT06203	Aat06203	HIV-1 rev
939	11	16.4	80	2	AAT06241	Aat06241	Second ro
940	11	16.4	80	2	AAT06248	Aat06248	Second ro
941	11	16.4	80	2	AAT06258	Aat06258	Second ro
942	11	16.4	80	2	AAT14471	Aat14471	Mouse IgE
943	11	16.4	80	4	AAI27491	Aai27491	Pt be #17
944	11	16.4	80	4	ABA75805	Ala75805	Human foe
945	11	16.4	80	4	AAI56461	Aai56461	Pt be #25
946	11	16.4	80	4	ABA40376	Aba40376	Pt be #18
947	11	16.4	80	4	AAK50478	Aak50478	Human bon
948	11	16.4	80	4	AAK24489	Aak24489	Human bra
949	11	16.4	80	4	ABS50101	Abs50101	Human liv
950	11	16.4	80	6	ABS23950	Abs23950	Human gen
c 951	11	16.4	80	9	ADA73893	Ada73893	Carcinoma
c 952	11	16.4	80	9	ADA02367	Ada02367	Mouse car
c 953	11	16.4	80	10	ADB72106	adb72106	Mouse car
954	11	16.4	81	2	AAT06201	Aat06201	V-1 rev
955	11	16.4	81	2	AAT06256	Aat06256	Second ro
956	11	16.4	81	2	AAT06224	Aat06224	V-1 rev
957	11	16.4	81	2	AAT06228	Aat06228	V-1 rev
958	11	16.4	81	2	AAT06259	Aat06259	Second ro
959	11	16.4	81	2	AAT06265	Aat06265	V-1 rev
960	11	16.4	81	2	AAT06195	Aat06195	V-1 rev
961	11	16.4	81	2	AAT06208	Aat06208	HIV-1 rev
962	11	16.4	81	2	AAT06209	Aat06209	HIV-1 rev
963	11	16.4	81	2	AAT06217	Aat06217	HIV-1 rev
964	11	16.4	81	2	AAT06240	Aat06240	Second ro
965	11	16.4	81	2	AAT06245	Aat06245	Second ro
966	11	16.4	81	2	AAT06278	Aat06278	V-1 rev
967	11	16.4	81	2	AAT06200	Aat06200	V-1 rev
968	11	16.4	81	2	AAT06230	Aat06230	V-1 rev
969	11	16.4	81	2	AAT06231	Aat06231	Second ro
970	11	16.4	81	2	AAT06239	Aat06239	Second ro
971	11	16.4	81	2	AAT06275	Aat06275	HIV-1 rev
972	11	16.4	81	2	AAT06198	Aat06198	HIV-1 rev
973	11	16.4	81	2	AAT06202	Aat06202	HIV-1 rev
974	11	16.4	81	2	AAT06204	Aat06204	HIV-1 rev
975	11	16.4	81	2	AAT06225	Aat06225	HIV-1 rev

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976	11	16.4	81	2	AAT06233	Aat06233 Second ro
977	11	16.4	81	2	AAT06238	Aat06238 ecnd ro
978	11	16.4	81	2	AAT06253	Aat0625 Second ro
979	11	16.4	81	2	AAT06271	Aat0627 HIV-1 rev
980	11	16.4	81	2	AAT06232	Aat06232 Second ro
981	11	16.4	81	2	AAT06255	Aat06255 Second ro
982	11	16.4	81	2	AAT06207	Aat06207 HIV-1 rev
983	11	16.4	81	2	AAT06234	Aat06234 Second ro
984	11	16.4	81	2	AAT06274	Aat06274 HIV-1 rev
985	11	16.4	81	2	AAT06219	Aat06219 HIV-1 rev
986	11	16.4	81	2	AAT06229	Aat06229 HIV-1 rev
987	11	16.4	81	2	AAT06242	Aat0624 Second ro
988	11	16.4	81	2	AAT06269	Aat06269 HIV-1 rev
989	11	16.4	81	2	AAT06212	Aat0621 HIV-1 rev
990	11	16.4	81	2	AAT06244	Aat0624 Second ro
991	11	16.4	81	2	AAT06247	Aat06247 Second ro
992	11	16.4	81	2	AAT06252	Aat06252 Second ro
993	11	16.4	81	2	AAT06270	Aat06270 HIV-1 rev
994	11	16.4	81	2	AAT06199	Aat06199 HIV-1 rev
995	11	16.4	81	2	AAT06216	Aat06216 HIV-1 rev
996	11	16.4	81	2	AAT06222	Aat06222 HIV-1 rev
997	11	16.4	81	2	AAT06250	Aat0625 Second ro
998	11	16.4	81	2	AAT06260	Aat0626 Second ro
999	11	16.4	81	2	AAT06237	Aat06237 Second ro
1000	11	16.4	81	2	AAT06254	Aat0625 Second ro

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:42:21 ; Search time 67 Seconds  
(without alignments)  
710.789 Million cell updates/sec

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Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 824507 seqs, 355394441 residues

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#### SUMMARIES

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	55	12	17.9	90	4	US-08-951-621-30	Sequence 30, Appl
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c 114	11	16.4	28	1	US-08-447-169A-238	Sequence 238, App
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165	11	16.4	46	3	US-08-460-736-17	Sequence 17, Appl
166	11	16.4	46	3	US-09-085-273-17	Sequence 17, Appl
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169	11	16.4	46	4	US-09-535-370-17	Sequence 17, Appl
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171	11	16.4	46	4	US-09-916-963-17	Sequence 17, Appl
172	11	16.4	46	4	US-09-663-667-17	Sequence 17, Appl
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178	11	16.4	49	4	US-08-442-423-137	Sequence 137, App
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c 180	11	16.4	50	4	US-09-603-658-69	Sequence 69, Appl
c 181	11	16.4	50	4	US-09-602-373A-69	Sequence 69, Appl
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c 183	11	16.4	51	2	US-08-950-737-7	Sequence 7, Appli

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195	11	16.4	59	3	US-09-484-850-9	Sequence 9, Appli
196	11	16.4	59	3	US-09-408-392-9	Sequence 9, Appli
197	11	16.4	59	4	US-09-626-930-9	Sequence 9, Appli
198	11	16.4	59	4	US-09-626-528-9	Sequence 9, Appli
199	11	16.4	59	4	US-09-626-595-9	Sequence 9, Appli
200	11	16.4	59	4	US-09-694-863-9	Sequence 9, Appli
c 201	11	16.4	59	4	US-08-956-171E-3525	Sequence 3525, Ap
c 202	11	16.4	59	4	US-08-781-986A-3525	Sequence 3525, Ap
203	11	16.4	65	4	US-09-701-896-12	Sequence 12, Appl
c 204	11	16.4	66	1	US-08-036-217-18	Sequence 18, Appl
c 205	11	16.4	66	1	US-08-105-483-18	Sequence 18, Appl
c 206	11	16.4	66	1	US-08-073-962-34	Sequence 34, Appl
c 207	11	16.4	66	1	US-07-714-687-18	Sequence 18, Appl
c 208	11	16.4	66	1	US-08-224-391-18	Sequence 18, Appl
c 209	11	16.4	66	1	US-08-484-304-18	Sequence 18, Appl
c 210	11	16.4	66	1	US-08-475-063-18	Sequence 18, Appl
c 211	11	16.4	66	1	US-08-207-792-18	Sequence 18, Appl
c 212	11	16.4	66	1	US-08-487-412-34	Sequence 34, Appl
c 213	11	16.4	66	1	US-08-709-209-18	Sequence 18, Appl
c 214	11	16.4	66	1	US-08-303-275-18	Sequence 18, Appl
c 215	11	16.4	66	1	US-08-458-101-18	Sequence 18, Appl
c 216	11	16.4	66	2	US-08-658-665-18	Sequence 18, Appl
c 217	11	16.4	66	3	US-09-085-273-18	Sequence 18, Appl
c 218	11	16.4	66	4	US-09-916-963-18	Sequence 18, Appl
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c 220	11	16.4	68	1	US-08-257-073-19	Sequence 19, Appl
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c 222	11	16.4	68	2	US-08-458-356-141	Sequence 141, App
c 223	11	16.4	68	2	US-08-658-665-150	Sequence 150, App
c 224	11	16.4	68	3	US-08-796-101-126	Sequence 126, App
c 225	11	16.4	68	3	US-08-460-736-141	Sequence 141, App
c 226	11	16.4	68	3	US-09-085-273-150	Sequence 150, App
c 227	11	16.4	68	4	US-09-535-370-141	Sequence 141, App
228	11	16.4	68	4	US-08-956-171E-4952	Sequence 4952, Ap
c 229	11	16.4	68	4	US-09-916-963-150	Sequence 150, App
230	11	16.4	68	4	US-09-270-767-4380	Sequence 4380, Ap
231	11	16.4	68	4	US-09-270-767-19662	Sequence 19662, A
232	11	16.4	68	4	US-08-781-986A-4952	Sequence 4952, Ap
c 233	11	16.4	68	4	US-09-663-667-141	Sequence 141, App
c 234	11	16.4	70	3	US-09-275-850-122	Sequence 122, App
c 235	11	16.4	71	4	US-08-956-171E-2469	Sequence 2469, Ap
c 236	11	16.4	71	4	US-08-781-986A-2469	Sequence 2469, Ap
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238	11	16.4	77	1	US-08-447-169A-167	Sequence 167, App
239	11	16.4	77	4	US-08-956-171E-4957	Sequence 4957, Ap
240	11	16.4	77	4	US-09-860-474-167	Sequence 167, App

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246	11	16.4	79	1	US-08-443-407-39	Sequence 39, Appl
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252	11	16.4	79	5	PCT-US95-05600-207	Sequence 207, App
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265	11	16.4	80	5	PCT-US95-05600-204	Sequence 204, App
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426	11	16.4	81	5	PCT-US95-05600-153	Sequence 153, App
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477	11	16.4	81	5	PCT-US95-05600-211	Sequence 211, App
478	11	16.4	81	5	PCT-US95-05600-212	Sequence 212, App
479	11	16.4	81	5	PCT-US95-05600-213	Sequence 213, App
480	11	16.4	81	5	PCT-US95-05600-215	Sequence 215, App
481	11	16.4	81	5	PCT-US95-05600-216	Sequence 216, App
482	11	16.4	81	5	PCT-US95-05600-220	Sequence 220, App
483	11	16.4	81	5	PCT-US95-05600-221	Sequence 221, App
484	11	16.4	81	5	/PCT-US95-05600-222	Sequence 222, App
485	11	16.4	81	5	PCT-US95-05600-223	Sequence 223, App
486	11	16.4	81	5	PCT-US95-05600-224	Sequence 224, App
487	11	16.4	81	5	PCT-US95-05600-225	Sequence 225, App
488	11	16.4	81	5	PCT-US95-05600-226	Sequence 226, App
489	11	16.4	81	5	PCT-US95-05600-227	Sequence 227, App
490	11	16.4	81	5	PCT-US95-05600-228	Sequence 228, App
491	11	16.4	81	5	PCT-US95-05600-229	Sequence 229, App
492	11	16.4	81	5	PCT-US95-05600-230	Sequence 230, App
493	11	16.4	81	5	PCT-US95-05600-231	Sequence 231, App
494	11	16.4	81	5	PCT-US95-05600-232	Sequence 232, App
495	11	16.4	81	5	PCT-US95-05600-233	Sequence 233, App
496	11	16.4	81	5	PCT-US95-05600-234	Sequence 234, App
497	11	16.4	81	5	PCT-US95-05600-235	Sequence 235, App
498	11	16.4	82	1	US-08-238-863-8	Sequence 8, Appli
499	11	16.4	82	1	US-08-238-863-48	Sequence 48, Appli
500	11	16.4	82	1	US-08-443-407-8	Sequence 8, Appli
501	11	16.4	82	1	US-08-443-407-48	Sequence 48, Appli
502	11	16.4	82	5	PCT-US95-05600-152	Sequence 152, App
503	11	16.4	82	5	PCT-US95-05600-192	Sequence 192, App
504	11	16.4	83	1	US-08-479-783A-8	Sequence 8, Appli
505	11	16.4	83	1	US-08-479-783A-29	Sequence 29, Appli
506	11	16.4	83	1	US-08-479-725-8	Sequence 8, Appli
507	11	16.4	83	1	US-08-479-725-29	Sequence 29, Appli
508	11	16.4	83	1	US-08-618-693-8	Sequence 8, Appli
509	11	16.4	83	1	US-08-618-693-29	Sequence 29, Appli
510	11	16.4	83	1	US-08-447-169A-174	Sequence 174, App
511	11	16.4	83	1	US-08-447-169A-185	Sequence 185, App
512	11	16.4	83	1	US-08-447-169A-211	Sequence 211, App
513	11	16.4	83	3	US-08-973-124-97	Sequence 97, Appli
514	11	16.4	83	3	US-08-973-124-118	Sequence 118, App
515	11	16.4	83	3	US-08-991-743C-8	Sequence 8, Appli
516	11	16.4	83	3	US-08-991-743C-29	Sequence 29, Appli
517	11	16.4	83	4	US-09-851-486-8	Sequence 8, Appli
518	11	16.4	83	4	US-09-851-486-29	Sequence 29, Appli
519	11	16.4	83	4	US-09-860-474-174	Sequence 174, App
520	11	16.4	83	4	US-09-860-474-185	Sequence 185, App
521	11	16.4	83	4	US-09-860-474-211	Sequence 211, App
522	11	16.4	83	4	US-09-270-767-29554	Sequence 29554, A
523	11	16.4	83	5	PCT-US96-08014-97	Sequence 97, Appli
524	11	16.4	83	5	PCT-US96-08014-118	Sequence 118, App
525	11	16.4	84	1	US-08-479-783A-4	Sequence 4, Appli

526	11	16.4	84	1	US-08-479-783A-17	Sequence 17, Appl
527	11	16.4	84	1	US-08-479-783A-18	Sequence 18, Appl
528	11	16.4	84	1	US-08-479-725-4	Sequence 4, Appli
529	11	16.4	84	1	US-08-479-725-17	Sequence 17, Appl
530	11	16.4	84	1	US-08-479-725-18	Sequence 18, Appl
531	11	16.4	84	1	US-08-618-693-4	Sequence 4, Appli
532	11	16.4	84	1	US-08-618-693-17	Sequence 17, Appl
533	11	16.4	84	1	US-08-618-693-18	Sequence 18, Appl
534	11	16.4	84	1	US-08-447-169A-175	Sequence 175, App
535	11	16.4	84	1	US-08-447-169A-181	Sequence 181, App
536	11	16.4	84	1	US-08-447-169A-217	Sequence 217, App
537	11	16.4	84	3	US-08-687-421-332	Sequence 332, App
538	11	16.4	84	3	US-08-687-421-333	Sequence 333, App
539	11	16.4	84	3	US-08-973-124-93	Sequence 93, Appl
540	11	16.4	84	3	US-08-973-124-106	Sequence 106, App
541	11	16.4	84	3	US-08-973-124-107	Sequence 107, App
542	11	16.4	84	3	US-08-991-743C-4	Sequence 4, Appli
543	11	16.4	84	3	US-08-991-743C-17	Sequence 17, Appl
544	11	16.4	84	3	US-08-991-743C-18	Sequence 18, Appl
545	11	16.4	84	4	US-09-851-486-4	Sequence 4, Appli
546	11	16.4	84	4	US-09-851-486-17	Sequence 17, Appl
547	11	16.4	84	4	US-09-851-486-18	Sequence 18, Appl
548	11	16.4	84	4	US-09-860-474-175	Sequence 175, App
549	11	16.4	84	4	US-09-860-474-181	Sequence 181, App
550	11	16.4	84	4	US-09-860-474-217	Sequence 217, App
551	11	16.4	84	5	PCT-US96-08014-93	Sequence 93, Appl
552	11	16.4	84	5	PCT-US96-08014-106	Sequence 106, App
553	11	16.4	84	5	PCT-US96-08014-107	Sequence 107, App
554	11	16.4	85	1	US-08-479-783A-5	Sequence 5, Appli
555	11	16.4	85	1	US-08-479-783A-7	Sequence 7, Appli
556	11	16.4	85	1	US-08-479-783A-11	Sequence 11, Appl
557	11	16.4	85	1	US-08-479-783A-26	Sequence 26, Appl
558	11	16.4	85	1	US-08-479-783A-30	Sequence 30, Appl
559	11	16.4	85	1	US-08-479-783A-32	Sequence 32, Appl
560	11	16.4	85	1	US-08-479-725-5	Sequence 5, Appli
561	11	16.4	85	1	US-08-479-725-7	Sequence 7, Appli
562	11	16.4	85	1	US-08-479-725-11	Sequence 11, Appl
563	11	16.4	85	1	US-08-479-725-26	Sequence 26, Appl
564	11	16.4	85	1	US-08-479-725-30	Sequence 30, Appl
565	11	16.4	85	1	US-08-479-725-32	Sequence 32, Appl
566	11	16.4	85	1	US-08-618-693-5	Sequence 5, Appli
567	11	16.4	85	1	US-08-618-693-7	Sequence 7, Appli
568	11	16.4	85	1	US-08-618-693-11	Sequence 11, Appl
569	11	16.4	85	1	US-08-618-693-26	Sequence 26, Appl
570	11	16.4	85	1	US-08-618-693-30	Sequence 30, Appl
571	11	16.4	85	1	US-08-618-693-32	Sequence 32, Appl
572	11	16.4	85	1	US-08-447-169A-161	Sequence 161, App
573	11	16.4	85	1	US-08-447-169A-164	Sequence 164, App
574	11	16.4	85	1	US-08-447-169A-165	Sequence 165, App
575	11	16.4	85	1	US-08-447-169A-170	Sequence 170, App
576	11	16.4	85	1	US-08-447-169A-171	Sequence 171, App
577	11	16.4	85	1	US-08-447-169A-173	Sequence 173, App
578	11	16.4	85	1	US-08-447-169A-184	Sequence 184, App
579	11	16.4	85	1	US-08-447-169A-196	Sequence 196, App
580	11	16.4	85	1	US-08-447-169A-207	Sequence 207, App
581	11	16.4	85	1	US-08-447-169A-208	Sequence 208, App
582	11	16.4	85	1	US-08-447-169A-213	Sequence 213, App

583	11	16.4	85	1	US-08-447-169A-216	Sequence 216, App
584	11	16.4	85	3	US-08-687-421-331	Sequence 331, App
585	11	16.4	85	3	US-08-687-421-369	Sequence 369, App
586	11	16.4	85	3	US-08-687-421-370	Sequence 370, App
587	11	16.4	85	3	US-08-687-421-371	Sequence 371, App
588	11	16.4	85	3	US-08-687-421-373	Sequence 373, App
589	11	16.4	85	3	US-08-687-421-392	Sequence 392, App
590	11	16.4	85	3	US-08-973-124-94	Sequence 94, Appl
591	11	16.4	85	3	US-08-973-124-96	Sequence 96, Appl
592	11	16.4	85	3	US-08-973-124-100	Sequence 100, App
593	11	16.4	85	3	US-08-973-124-115	Sequence 115, App
594	11	16.4	85	3	US-08-973-124-119	Sequence 119, App
595	11	16.4	85	3	US-08-973-124-121	Sequence 121, App
596	11	16.4	85	3	US-08-991-743C-5	Sequence 5, Appli
597	11	16.4	85	3	US-08-991-743C-7	Sequence 7, Appli
598	11	16.4	85	3	US-08-991-743C-11	Sequence 11, Appli
599	11	16.4	85	3	US-08-991-743C-26	Sequence 26, Appli
600	11	16.4	85	3	US-08-991-743C-30	Sequence 30, Appli
601	11	16.4	85	3	US-08-991-743C-32	Sequence 32, Appli
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603	11	16.4	85	4	US-09-851-486-7	Sequence 7, Appli
604	11	16.4	85	4	US-09-851-486-11	Sequence 11, Appli
605	11	16.4	85	4	US-09-851-486-26	Sequence 26, Appli
606	11	16.4	85	4	US-09-851-486-30	Sequence 30, Appli
607	11	16.4	85	4	US-09-851-486-32	Sequence 32, Appli
608	11	16.4	85	4	US-09-860-474-161	Sequence 161, App
609	11	16.4	85	4	US-09-860-474-164	Sequence 164, App
610	11	16.4	85	4	US-09-860-474-165	Sequence 165, App
611	11	16.4	85	4	US-09-860-474-170	Sequence 170, App
612	11	16.4	85	4	US-09-860-474-171	Sequence 171, App
613	11	16.4	85	4	US-09-860-474-173	Sequence 173, App
614	11	16.4	85	4	US-09-860-474-184	Sequence 184, App
615	11	16.4	85	4	US-09-860-474-196	Sequence 196, App
616	11	16.4	85	4	US-09-860-474-207	Sequence 207, App
617	11	16.4	85	4	US-09-860-474-208	Sequence 208, App
618	11	16.4	85	4	US-09-860-474-213	Sequence 213, App
619	11	16.4	85	4	US-09-860-474-216	Sequence 216, App
620	11	16.4	85	5	PCT-US96-08014-94	Sequence 94, Appl
621	11	16.4	85	5	PCT-US96-08014-96	Sequence 96, Appl
622	11	16.4	85	5	PCT-US96-08014-100	Sequence 100, App
623	11	16.4	85	5	PCT-US96-08014-115	Sequence 115, App
624	11	16.4	85	5	PCT-US96-08014-119	Sequence 119, App
625	11	16.4	85	5	PCT-US96-08014-121	Sequence 121, App
626	11	16.4	86	1	US-08-479-783A-1	Sequence 1, Appli
627	11	16.4	86	1	US-08-479-783A-6	Sequence 6, Appli
628	11	16.4	86	1	US-08-479-783A-9	Sequence 9, Appli
629	11	16.4	86	1	US-08-479-783A-10	Sequence 10, Appli
630	11	16.4	86	1	US-08-479-783A-12	Sequence 12, Appli
631	11	16.4	86	1	US-08-479-783A-13	Sequence 13, Appli
632	11	16.4	86	1	US-08-479-783A-14	Sequence 14, Appli
633	11	16.4	86	1	US-08-479-783A-15	Sequence 15, Appli
634	11	16.4	86	1	US-08-479-783A-19	Sequence 19, Appli
635	11	16.4	86	1	US-08-479-783A-20	Sequence 20, Appli
636	11	16.4	86	1	US-08-479-783A-21	Sequence 21, Appli
637	11	16.4	86	1	US-08-479-783A-22	Sequence 22, Appli
638	11	16.4	86	1	US-08-479-783A-23	Sequence 23, Appli
639	11	16.4	86	1	US-08-479-783A-24	Sequence 24, Appli

640	11	16.4	86	1	US-08-479-783A-25	Sequence 25, Appl
641	11	16.4	86	1	US-08-479-783A-27	Sequence 27, Appl
642	11	16.4	86	1	US-08-479-783A-28	Sequence 28, Appl
643	11	16.4	86	1	US-08-479-783A-31	Sequence 31, Appl
644	11	16.4	86	1	US-08-479-783A-33	Sequence 33, Appl
645	11	16.4	86	1	US-08-479-783A-34	Sequence 34, Appl
646	11	16.4	86	1	US-08-479-783A-35	Sequence 35, Appl
647	11	16.4	86	1	US-08-479-725-1	Sequence 1, Appli
648	11	16.4	86	1	US-08-479-725-6	Sequence 6, Appli
649	11	16.4	86	1	US-08-479-725-9	Sequence 9, Appli
650	11	16.4	86	1	US-08-479-725-10	Sequence 10, Appl
651	11	16.4	86	1	US-08-479-725-12	Sequence 12, Appl
652	11	16.4	86	1	US-08-479-725-13	Sequence 13, Appl
653	11	16.4	86	1	US-08-479-725-14	Sequence 14, Appl
654	11	16.4	86	1	US-08-479-725-15	Sequence 15, Appl
655	11	16.4	86	1	US-08-479-725-19	Sequence 19, Appl
656	11	16.4	86	1	US-08-479-725-20	Sequence 20, Appl
657	11	16.4	86	1	US-08-479-725-21	Sequence 21, Appl
658	11	16.4	86	1	US-08-479-725-22	Sequ�ne 22, Appl
659	11	16.4	86	1	US-08-479-725-23	Sequence 23, Appl
660	11	16.4	86	1	US-08-479-725-24	Sequence 24, Appl
661	11	16.4	86	1	US-08-479-725-25	Sequence 25, Appl
662	11	16.4	86	1	US-08-479-725-27	Sequence 27, Appl
663	11	16.4	86	1	US-08-479-725-28	Sequence 28, Appl
664	11	16.4	86	1	US-08-479-725-31	Sequence 31, Appl
665	11	16.4	86	1	US-08-479-725-33	Sequence 33, Appl
666	11	16.4	86	1	US-08-479-725-34	Sequence 34, Appl
667	11	16.4	86	1	US-08-479-725-35	Sequence 35, Appl
668	11	16.4	86	1	US-08-618-693-1	Sequence 1, Appli
669	11	16.4	86	1	US-08-618-693-6	Sequence 6, Appli
670	11	16.4	86	1	US-08-618-693-9	Sequence 9, Appli
671	11	16.4	86	1	US-08-618-693-10	Sequence 10, Appl
672	11	16.4	86	1	US-08-618-693-12	Sequence 12, Appl
673	11	16.4	86	1	US-08-618-693-13	Sequence 13, Appl
674	11	16.4	86	1	US-08-618-693-14	Sequence 14, Appl
675	11	16.4	86	1	US-08-618-693-15	Sequence 15, Appl
676	11	16.4	86	1	US-08-618-693-19	Sequence 19, Appl
677	11	16.4	86	1	US-08-618-693-20	Sequence 20, Appl
678	11	16.4	86	1	US-08-618-693-21	Sequence 21, Appl
679	11	16.4	86	1	US-08-618-693-22	Sequence 22, Appl
680	11	16.4	86	1	US-08-618-693-23	Sequence 23, Appl
681	11	16.4	86	1	US-08-618-693-24	Sequence 24, Appl
682	11	16.4	86	1	US-08-618-693-25	Sequence 25, Appl
683	11	16.4	86	1	US-08-618-693-27	Sequence 27, Appl
684	11	16.4	86	1	US-08-618-693-28	Sequence 28, Appl
685	11	16.4	86	1	US-08-618-693-31	Sequence 31, Appl
686	11	16.4	86	1	US-08-618-693-33	Sequence 33, Appl
687	11	16.4	86	1	US-08-618-693-34	Sequence 34, Appl
688	11	16.4	86	1	US-08-618-693-35	Sequence 35, Appl
689	11	16.4	86	1	US-08-447-169A-159	Sequence 159, App
690	11	16.4	86	1	US-08-447-169A-160	Sequence 160, App
691	11	16.4	86	1	US-08-447-169A-162	Sequence 162, App
692	11	16.4	86	1	US-08-447-169A-163	Sequence 163, App
693	11	16.4	86	1	US-08-447-169A-166	Sequence 166, App
694	11	16.4	86	1	US-08-447-169A-168	Sequence 168, App
695	11	16.4	86	1	US-08-447-169A-169	Sequence 169, App
696	11	16.4	86	1	US-08-447-169A-172	Sequence 172, App

697	11	16.4	86	1	US-08-447-169A-182	Sequence 182, App
698	11	16.4	86	1	US-08-447-169A-183	Sequence 183, App
699	11	16.4	86	1	US-08-447-169A-197	Sequence 197, App
700	11	16.4	86	1	US-08-447-169A-209	Sequence 209, App
701	11	16.4	86	1	US-08-447-169A-210	Sequence 210, App
702	11	16.4	86	1	US-08-447-169A-212	Sequence 212, App
703	11	16.4	86	1	US-08-447-169A-214	Sequence 214, App
704	11	16.4	86	1	US-08-447-169A-218	Sequence 218, App
705	11	16.4	86	1	US-08-447-169A-237	Sequence 237, App
706	11	16.4	86	3	US-08-687-421-322	Sequence 322, App
707	11	16.4	86	3	US-08-687-421-330	Sequence 330, App
708	11	16.4	86	3	US-08-687-421-334	Sequence 334, App
709	11	16.4	86	3	US-08-687-421-335	Sequence 335, App
710	11	16.4	86	3	US-08-687-421-338	Sequence 338, App
711	11	16.4	86	3	US-08-687-421-339	Sequence 339, App
712	11	16.4	86	3	US-08-687-421-366	Sequence 366, App
713	11	16.4	86	3	US-08-687-421-367	Sequence 367, App
714	11	16.4	86	3	US-08-687-421-368	Sequence 368, App
715	11	16.4	86	3	US-08-687-421-372	Sequence 372, App
716	11	16.4	86	3	US-08-687-421-374	Sequence 374, App
717	11	16.4	86	3	US-08-687-421-375	Sequence 375, App
718	11	16.4	86	3	US-08-687-421-376	Sequence 376, App
719	11	16.4	86	3	US-08-687-421-393	Sequence 393, App
720	11	16.4	86	3	US-08-687-421-394	Sequence 394, App
721	11	16.4	86	3	US-08-687-421-395	Sequence 395, App
722	11	16.4	86	3	US-08-687-421-396	Sequence 396, App
723	11	16.4	86	3	US-08-687-421-397	Sequence 397, App
724	11	16.4	86	3	US-08-687-421-398	Sequence 398, App
725	11	16.4	86	3	US-08-687-421-410	Sequence 410, App
726	11	16.4	86	3	US-08-687-421-411	Sequence 411, App
727	11	16.4	86	3	US-08-687-421-423	Sequence 423, App
728	11	16.4	86	3	US-08-687-421-425	Sequence 425, App
729	11	16.4	86	3	US-08-687-421-433	Sequence 433, App
730	11	16.4	86	3	US-08-973-124-90	Sequence 90, Appl
731	11	16.4	86	3	US-08-973-124-95	Sequence 95, Appl
732	11	16.4	86	3	US-08-973-124-98	Sequence 98, Appl
733	11	16.4	86	3	US-08-973-124-99	Sequence 99, Appl
734	11	16.4	86	3	US-08-973-124-101	Sequence 101, App
735	11	16.4	86	3	US-08-973-124-102	Sequence 102, App
736	11	16.4	86	3	US-08-973-124-103	Sequence 103, App
737	11	16.4	86	3	US-08-973-124-104	Sequence 104, App
738	11	16.4	86	3	US-08-973-124-108	Sequence 108, App
739	11	16.4	86	3	US-08-973-124-109	Sequence 109, App
740	11	16.4	86	3	US-08-973-124-110	Sequence 110, App
741	11	16.4	86	3	US-08-973-124-111	Sequence 111, App
742	11	16.4	86	3	US-08-973-124-112	Sequence 112, App
743	11	16.4	86	3	US-08-973-124-113	Sequence 113, App
744	11	16.4	86	3	US-08-973-124-114	Sequence 114, App
745	11	16.4	86	3	US-08-973-124-116	Sequence 116, App
746	11	16.4	86	3	US-08-973-124-117	Sequence 117, App
747	11	16.4	86	3	US-08-973-124-120	Sequence 120, App
748	11	16.4	86	3	US-08-973-124-122	Sequence 122, App
749	11	16.4	86	3	US-08-973-124-123	Sequence 123, App
750	11	16.4	86	3	US-08-973-124-124	Sequence 124, App
751	11	16.4	86	3	US-08-991-743C-1	Sequence 1, Appli
752	11	16.4	86	3	US-08-991-743C-6	Sequence 6, Appli
753	11	16.4	86	3	US-08-991-743C-9	Sequence 9, Appli

754	11	16.4	86	3	US-08-991-743C-10	Sequence 10, Appl
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1: /cgn2\_6/ptodata/2/pubpna/US07\_PUBCOMB.seq:\*2: /cgn2\_6/ptodata/2/pubpna/PCT\_NEW\_PUB.seq:\*3: /cgn2\_6/ptodata/2/pubpna/US06\_NEW\_PUB.seq:\*4: /cgn2\_6/ptodata/2/pubpna/US06\_PUBCOMB.seq:\*5: /cgn2\_6/ptodata/2/pubpna/US07\_NEW\_PUB.seq:\*6: /cgn2\_6/ptodata/2/pubpna/PCTUS\_PUBCOMB.seq:\*7: /cgn2\_6/ptodata/2/pubpna/US08\_NEW\_PUB.seq:\*8: /cgn2\_6/ptodata/2/pubpna/US08\_PUBCOMB.seq:\*9: /cgn2\_6/ptodata/2/pubpna/US09A\_PUBCOMB.seq:\*10: /cgn2\_6/ptodata/2/pubpna/US09B\_PUBCOMB.seq:\*11: /cgn2\_6/ptodata/2/pubpna/US09C\_PUBCOMB.seq:\*12: /cgn2\_6/ptodata/2/pubpna/US09\_NEW\_PUB.seq:\*13: /cgn2\_6/ptodata/2/pubpna/US10A\_PUBCOMB.seq:\*14: /cgn2\_6/ptodata/2/pubpna/US10B\_PUBCOMB.seq:\*15: /cgn2\_6/ptodata/2/pubpna/US10C\_PUBCOMB.seq:\*16: /cgn2\_6/ptodata/2/pubpna/US10D\_PUBCOMB.seq:\*17: /cgn2\_6/ptodata/2/pubpna/US10E\_PUBCOMB.seq:\*18: /cgn2\_6/ptodata/2/pubpna/US10\_NEW\_PUB.seq:\*19: /cgn2\_6/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*20: /cgn2\_6/ptodata/2/pubpna/US60\_NEW\_PUB.seq:\*21: /cgn2\_6/ptodata/2/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query					Description
No.	Score	Match	Length	DB	ID	
1	30	44.8	50	8	US-08-781-986A-5118	Sequence 5118, Ap
2	30	44.8	50	16	US-10-329-624-5118	Sequence 5118, Ap
3	30	44.8	51	8	US-08-781-986A-5094	Sequence 5094, Ap
4	30	44.8	51	16	US-10-329-624-5094	Sequence 5094, Ap
c 5	28	41.8	84	8	US-08-781-986A-4902	Sequence 4902, Ap
c 6	28	41.8	84	16	US-10-329-624-4902	Sequence 4902, Ap
7	26	38.8	60	8	US-08-781-986A-5119	Sequence 5119, Ap
8	26	38.8	60	16	US-10-329-624-5119	Sequence 5119, Ap
c 9	15	22.4	18	15	US-10-091-281-424	Sequence 424, App
c 10	15	22.4	35	15	US-10-339-740-103	Sequence 103, App
11	14	20.9	17	9	US-09-864-785-615	Sequence 615, App
c 12	14	20.9	33	17	US-10-128-520-253	Sequence 253, App
c 13	14	20.9	33	17	US-10-128-520-262	Sequence 262, App
c 14	14	20.9	43	17	US-10-344-124-40	Sequence 40, Appl
c 15	13	19.4	13	18	US-10-257-017B-68965	Sequence 68965, A
16	13	19.4	13	18	US-10-257-017B-68966	Sequence 68966, A
17	13	19.4	13	18	US-10-257-017B-70695	Sequence 70695, A
c 18	13	19.4	13	18	US-10-257-017B-70696	Sequence 70696, A
c 19	13	19.4	13	18	US-10-257-017B-97003	Sequence 97003, A
20	13	19.4	13	18	US-10-257-017B-97004	Sequence 97004, A
21	13	19.4	13	18	US-10-257-017B-130827	Sequence 130827,
c 22	13	19.4	13	18	US-10-257-017B-130828	Sequence 130828,
23	13	19.4	15	15	US-10-091-281-426	Sequence 426, App
c 24	13	19.4	16	15	US-10-108-164-15	Sequence 15, Appl
25	13	19.4	17	9	US-09-864-785-2130	Sequence 2130, Ap
c 26	13	19.4	17	16	US-10-138-674-2730	Sequence 2730, Ap
c 27	13	19.4	17	17	US-10-287-949A-2730	Sequence 2730, Ap
28	13	19.4	20	16	US-10-349-143-9056	Sequence 9056, Ap
c 29	13	19.4	20	16	US-10-212-993-75	Sequence 75, Appl
30	13	19.4	20	16	US-10-212-993-126	Sequence 126, App
c 31	13	19.4	25	15	US-10-098-263B-12223	Sequence 12223, A
32	13	19.4	25	15	US-10-098-263B-39273	Sequence 39273, A
c 33	13	19.4	26	17	US-10-344-124-44	Sequence 44, Appl
c 34	13	19.4	33	17	US-10-128-520-256	Sequence 256, App
c 35	13	19.4	50	16	US-10-131-827-3207	Sequence 3207, Ap
c 36	13	19.4	51	15	US-10-393-815-120	Sequence 120, App
c 37	13	19.4	51	15	US-10-393-815-162	Sequence 162, App
38	13	19.4	51	18	US-10-865-478-379	Sequence 379, App
c 39	13	19.4	57	11	US-09-842-776A-17	Sequence 17, Appl
40	13	19.4	65	10	US-09-908-975-29604	Sequence 29604, A
41	13	19.4	65	15	US-10-032-585-2536	Sequence 2536, Ap
42	12	17.9	12	18	US-10-257-017B-268132	Sequence 268132,
c 43	12	17.9	12	18	US-10-257-017B-269042	Sequence 269042,
c 44	12	17.9	12	18	US-10-257-017B-273125	Sequence 273125,
c 45	12	17.9	12	18	US-10-257-017B-280440	Sequence 280440,
c 46	12	17.9	12	18	US-10-257-017B-300714	Sequence 300714,
47	12	17.9	12	18	US-10-257-017B-311839	Sequence 311839,
c 48	12	17.9	12	18	US-10-257-017B-318994	Sequence 318994,
49	12	17.9	12	18	US-10-257-017B-319826	Sequence 319826,
c 50	12	17.9	12	18	US-10-257-017B-321327	Sequence 321327,
51	12	17.9	12	18	US-10-257-017B-356133	Sequence 356133,
52	12	17.9	12	18	US-10-257-017B-373317	Sequence 373317,
c 53	12	17.9	13	18	US-10-257-017B-7093	Sequence 7093, Ap
54	12	17.9	13	18	US-10-257-017B-7094	Sequence 7094, Ap

c	55	12	17.9	13	18	US-10-257-017B-26041	Sequence 26041, A
	56	12	17.9	13	18	US-10-257-017B-26042	Sequence 26042, A
c	57	12	17.9	13	18	US-10-257-017B-31337	Sequence 31337, A
	58	12	17.9	13	18	US-10-257-017B-31338	Sequence 31338, A
	59	12	17.9	13	18	US-10-257-017B-32517	Sequence 32517, A
c	60	12	17.9	13	18	US-10-257-017B-32518	Sequence 32518, A
	61	12	17.9	13	18	US-10-257-017B-52103	Sequence 52103, A
c	62	12	17.9	13	18	US-10-257-017B-52104	Sequence 52104, A
	63	12	17.9	13	18	US-10-257-017B-79417	Sequence 79417, A
c	64	12	17.9	13	18	US-10-257-017B-79418	Sequence 79418, A
	65	12	17.9	13	18	US-10-257-017B-92627	Sequence 92627, A
c	66	12	17.9	13	18	US-10-257-017B-92628	Sequence 92628, A
c	67	12	17.9	13	18	US-10-257-017B-118739	Sequence 118739,
	68	12	17.9	13	18	US-10-257-017B-118740	Sequence 118740,
c	69	12	17.9	13	18	US-10-257-017B-121653	Sequence 121653,
	70	12	17.9	13	18	US-10-257-017B-121654	Sequence 121654,
c	71	12	17.9	13	18	US-10-257-017B-189299	Sequence 189299,
	72	12	17.9	13	18	US-10-257-017B-189300	Sequence 189300,
	73	12	17.9	13	18	US-10-257-017B-194817	Sequence 194817,
c	74	12	17.9	13	18	US-10-257-017B-194818	Sequence 194818,
	75	12	17.9	13	18	US-10-257-017B-241781	Sequence 241781,
c	76	12	17.9	13	18	US-10-257-017B-241782	Sequence 241782,
c	77	12	17.9	13	18	US-10-257-017B-262699	Sequence 262699,
	78	12	17.9	13	18	US-10-257-017B-262700	Sequence 262700,
c	79	12	17.9	13	18	US-10-257-017B-264407	Sequence 264407,
	80	12	17.9	13	18	US-10-257-017B-264408	Sequence 264408,
	81	12	17.9	16	15	US-10-108-164-37	Sequence 37, Appl
c	82	12	17.9	16	18	US-10-776-933-54	Sequence 54, Appl
c	83	12	17.9	16	18	US-10-776-933-145	Sequence 145, App
	84	12	17.9	17	9	US-09-864-785-2131	Sequence 2131, Ap
c	85	12	17.9	17	17	US-10-344-124-45	Sequence 45, Appl
	86	12	17.9	20	15	US-10-337-321-1	Sequence 1, Appli
	87	12	17.9	20	16	US-10-289-762-3127	Sequence 3127, Ap
	88	12	17.9	20	16	US-10-447-136-53	Sequence 53, Appl
c	89	12	17.9	20	17	US-10-304-113-65	Sequence 65, Appl
	90	12	17.9	20	17	US-10-304-113-143	Sequence 143, App
	91	12	17.9	20	17	US-10-337-231-1	Sequence 1, Appli
	92	12	17.9	20	18	US-10-789-526-141	Sequence 141, App
c	93	12	17.9	20	18	US-10-789-526-258	Sequence 258, App
c	94	12	17.9	22	10	US-09-902-214-9	Sequence 9, Appli
c	95	12	17.9	24	9	US-09-730-716-9	Sequence 9, Appli
c	96	12	17.9	24	15	US-10-091-281-427	Sequence 427, App
c	97	12	17.9	24	16	US-10-664-422-216	Sequence 216, App
c	98	12	17.9	24	16	US-10-664-423-216	Sequence 216, App
c	99	12	17.9	24	18	US-10-664-603-216	Sequence 216, App
	100	12	17.9	25	10	US-09-902-214-59	Sequence 59, Appl
c	101	12	17.9	25	15	US-10-098-263B-9085	Sequence 9085, Ap
	102	12	17.9	25	15	US-10-098-263B-11464	Sequence 11464, A
c	103	12	17.9	25	15	US-10-098-263B-12224	Sequence 12224, A
	104	12	17.9	25	15	US-10-098-263B-51543	Sequence 51543, A
	105	12	17.9	25	15	US-10-098-263B-100249	Sequence 100249,
	106	12	17.9	25	15	US-10-098-263B-100381	Sequence 100381,
c	107	12	17.9	25	15	US-10-098-263B-109863	Sequence 109863,
c	108	12	17.9	25	15	US-10-098-263B-109864	Sequence 109864,
	109	12	17.9	25	15	US-10-098-263B-114529	Sequence 114529,
c	110	12	17.9	26	9	US-09-965-099-86	Sequence 86, Appl
c	111	12	17.9	26	13	US-10-051-852-86	Sequence 86, Appl

c	112	12	17.9	26	15	US-10-430-176-86	Sequence 86, Appl
	113	12	17.9	29	13	US-10-027-632-176044	Sequence 176044,
	114	12	17.9	29	13	US-10-027-632-176055	Sequence 176055,
	115	12	17.9	29	15	US-10-027-632-176044	Sequence 176044,
	116	12	17.9	29	15	US-10-027-632-176055	Sequence 176055,
c	117	12	17.9	29	16	US-10-386-050A-29	Sequence 29, Appl
c	118	12	17.9	30	9	US-09-965-099-22	Sequence 22, Appl
c	119	12	17.9	30	13	US-10-051-852-22	Sequence 22, Appl
c	120	12	17.9	30	15	US-10-430-176-22	Sequence 22, Appl
	121	12	17.9	31	9	US-09-801-274-104	Sequence 104, App
c	122	12	17.9	31	13	US-10-010-066-68	Sequence 68, Appl
	123	12	17.9	31	17	US-10-618-083-10	Sequence 10, Appl
c	124	12	17.9	33	17	US-10-128-520-250	Sequence 250, App
c	125	12	17.9	37	16	US-10-193-377-11	Sequence 11, Appl
c	126	12	17.9	39	9	US-09-828-523A-87	Sequence 87, Appl
	127	12	17.9	39	14	US-10-042-945-62	Sequence 62, Appl
	128	12	17.9	39	14	US-10-042-945-64	Sequence 64, Appl
c	129	12	17.9	39	17	US-10-128-520-265	Sequence 265, App
	130	12	17.9	40	17	US-10-724-108-67	Sequence 67, Appl
c	131	12	17.9	40	18	US-10-476-597-56	Sequence 56, Appl
c	132	12	17.9	41	16	US-10-035-833A-4341	Sequence 4341, Ap
	133	12	17.9	43	15	US-10-032-585-884	Sequence 884, App
	134	12	17.9	47	16	US-10-349-143-76	Sequence 76, Appl
c	135	12	17.9	47	16	US-10-349-143-339	Sequence 339, App
c	136	12	17.9	47	16	US-10-349-143-2857	Sequence 2857, Ap
	137	12	17.9	49	13	US-10-027-632-176005	Sequence 176005,
	138	12	17.9	49	15	US-10-027-632-176005	Sequence 176005,
	139	12	17.9	50	16	US-10-131-827-2677	Sequence 2677, Ap
	140	12	17.9	50	16	US-10-131-827-7955	Sequence 7955, Ap
c	141	12	17.9	52	8	US-08-781-986A-2072	Sequence 2072, Ap
c	142	12	17.9	52	16	US-10-329-624-2072	Sequence 2072, Ap
c	143	12	17.9	55	15	US-10-106-698-3979	Sequence 3979, Ap
	144	12	17.9	60	10	US-09-908-975-7362	Sequence 7362, Ap
	145	12	17.9	60	10	US-09-908-975-7845	Sequence 7845, Ap
	146	12	17.9	60	10	US-09-908-975-19386	Sequence 19386, A
c	147	12	17.9	65	15	US-10-032-585-2746	Sequence 2746, Ap
	148	12	17.9	65	15	US-10-032-585-3100	Sequence 3100, Ap
c	149	12	17.9	65	15	US-10-032-585-3480	Sequence 3480, Ap
	150	12	17.9	68	15	US-10-106-698-3495	Sequence 3495, Ap
	151	12	17.9	80	9	US-09-969-373-498	Sequence 498, App
	152	12	17.9	80	13	US-10-027-632-175806	Sequence 175806,
	153	12	17.9	80	15	US-10-027-632-175806	Sequence 175806,
	154	12	17.9	85	18	US-10-914-037-577	Sequence 577, App
c	155	12	17.9	86	9	US-09-965-099-82	Sequence 82, Appl
c	156	12	17.9	86	13	US-10-051-852-82	Sequence 82, Appl
c	157	12	17.9	86	15	US-10-430-176-82	Sequence 82, Appl
	158	12	17.9	88	14	US-10-066-543-2957	Sequence 2957, Ap
	159	12	17.9	90	11	US-09-801-348-30	Sequence 30, Appl
c	160	12	17.9	91	9	US-09-965-099-18	Sequence 18, Appl
c	161	12	17.9	91	13	US-10-051-852-18	Sequence 18, Appl
c	162	12	17.9	91	15	US-10-430-176-18	Sequence 18, Appl
	163	12	17.9	93	15	US-10-055-728-72	Sequence 72, Appl
	164	12	17.9	93	15	US-10-310-677-72	Sequence 72, Appl
	165	12	17.9	93	17	US-10-021-323-8649	Sequence 8649, Ap
c	166	12	17.9	94	17	US-10-021-323-7100	Sequence 7100, Ap
c	167	12	17.9	96	15	US-10-091-007-69	Sequence 69, Appl
c	168	12	17.9	100	9	US-09-924-035A-660	Sequence 660, App

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c 171	11	16.4	12	18	US-10-257-017B-272706	Sequence 272706,
c 172	11	16.4	12	18	US-10-257-017B-273937	Sequence 273937,
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c 174	11	16.4	12	18	US-10-257-017B-275865	Sequence 275865,
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176	11	16.4	12	18	US-10-257-017B-277290	Sequence 277290,
177	11	16.4	12	18	US-10-257-017B-287265	Sequence 287265,
c 178	11	16.4	12	18	US-10-257-017B-287785	Sequence 287785,
c 179	11	16.4	12	18	US-10-257-017B-291703	Sequence 291703,
c 180	11	16.4	12	18	US-10-257-017B-293067	Sequence 293067,
181	11	16.4	12	18	US-10-257-017B-300819	Sequence 300819,
c 182	11	16.4	12	18	US-10-257-017B-301484	Sequence 301484,
c 183	11	16.4	12	18	US-10-257-017B-301490	Sequence 301490,
184	11	16.4	12	18	US-10-257-017B-302712	Sequence 302712,
185	11	16.4	12	18	US-10-257-017B-303786	Sequence 303786,
186	11	16.4	12	18	US-10-257-017B-304048	Sequence 304048,
187	11	16.4	12	18	US-10-257-017B-308336	Sequence 308336,
c 188	11	16.4	12	18	US-10-257-017B-309610	Sequence 309610,
189	11	16.4	12	18	US-10-257-017B-312133	Sequence 312133,
190	11	16.4	12	18	US-10-257-017B-317737	Sequence 317737,
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193	11	16.4	12	18	US-10-257-017B-332128	Sequence 332128,
c 194	11	16.4	12	18	US-10-257-017B-334652	Sequence 334652,
c 195	11	16.4	12	18	US-10-257-017B-336116	Sequence 336116,
c 196	11	16.4	12	18	US-10-257-017B-337612	Sequence 337612,
c 197	11	16.4	12	18	US-10-257-017B-340749	Sequence 340749,
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c 223	11	16.4	13	18	US-10-257-017B-4008	Sequence 4008, Ap
224	11	16.4	13	18	US-10-257-017B-7669	Sequence 7669, Ap
c 225	11	16.4	13	18	US-10-257-017B-7670	Sequence 7670, Ap

c 226	11	16.4	13	18	US-10-257-017B-14873	Sequence 14873, A
227	11	16.4	13	18	US-10-257-017B-14874	Sequence 14874, A
c 228	11	16.4	13	18	US-10-257-017B-19295	Sequence 19295, A
229	11	16.4	13	18	US-10-257-017B-19296	Sequence 19296, A
c 230	11	16.4	13	18	US-10-257-017B-23191	Sequence 23191, A
231	11	16.4	13	18	US-10-257-017B-23192	Sequence 23192, A
c 232	11	16.4	13	18	US-10-257-017B-36131	Sequence 36131, A
233	11	16.4	13	18	US-10-257-017B-36132	Sequence 36132, A
c 234	11	16.4	13	18	US-10-257-017B-36141	Sequence 36141, A
235	11	16.4	13	18	US-10-257-017B-36142	Sequence 36142, A
236	11	16.4	13	18	US-10-257-017B-45445	Sequence 45445, A
c 237	11	16.4	13	18	US-10-257-017B-45446	Sequence 45446, A
c 238	11	16.4	13	18	US-10-257-017B-46289	Sequence 46289, A
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c 243	11	16.4	13	18	US-10-257-017B-56810	Sequence 56810, A
c 244	11	16.4	13	18	US-10-257-017B-62477	Sequence 62477, A
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246	11	16.4	13	18	US-10-257-017B-66317	Sequence 66317, A
c 247	11	16.4	13	18	US-10-257-017B-66318	Sequence 66318, A
c 248	11	16.4	13	18	US-10-257-017B-66793	Sequence 66793, A
249	11	16.4	13	18	US-10-257-017B-66794	Sequence 66794, A
c 250	11	16.4	13	18	US-10-257-017B-67883	Sequence 67883, A
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c 253	11	16.4	13	18	US-10-257-017B-71520	Sequence 71520, A
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c 256	11	16.4	13	18	US-10-257-017B-87681	Sequence 87681, A
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c 258	11	16.4	13	18	US-10-257-017B-88119	Sequence 88119, A
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c 260	11	16.4	13	18	US-10-257-017B-92257	Sequence 92257, A
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c 262	11	16.4	13	18	US-10-257-017B-98399	Sequence 98399, A
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c 269	11	16.4	13	18	US-10-257-017B-107566	Sequence 107566,
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c 279	11	16.4	13	18	US-10-257-017B-115936	Sequence 115936,
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c 291	11	16.4	13	18	US-10-257-017B-146374	Sequence 146374,
c 292	11	16.4	13	18	US-10-257-017B-147249	Sequence 147249,
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c 294	11	16.4	13	18	US-10-257-017B-147253	Sequence 147253,
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313	11	16.4	13	18	US-10-257-017B-198296	Sequence 198296,
314	11	16.4	13	18	US-10-257-017B-199605	Sequence 199605,
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c 333	11	16.4	13	18	US-10-257-017B-246140	Sequence 246140,
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c 343	11	16.4	15	14	US-10-287-919-1623	Sequence 1623, Ap
344	11	16.4	15	14	US-10-287-919-1624	Sequence 1624, Ap
c 345	11	16.4	16	15	US-10-108-164-51	Sequence 51, Appl
346	11	16.4	16	15	US-10-108-164-96	Sequence 96, Appl
c 347	11	16.4	16	17	US-10-344-124-15	Sequence 15, Appl
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349	11	16.4	17	10	US-09-780-533A-194	Sequence 194, App
350	11	16.4	17	10	US-09-780-533A-195	Sequence 195, App
351	11	16.4	17	10	US-09-780-533A-1900	Sequence 1900, Ap
352	11	16.4	17	10	US-09-780-533A-2155	Sequence 2155, Ap
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354	11	16.4	17	10	US-09-927-046-1489	Sequence 1489, Ap
355	11	16.4	17	10	US-09-927-046-1698	Sequence 1698, Ap
356	11	16.4	17	14	US-10-287-919-629	Sequence 629, App
357	11	16.4	17	14	US-10-287-919-1847	Sequence 1847, Ap
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359	11	16.4	17	15	US-10-238-700-921	Sequence 921, App
360	11	16.4	17	15	US-10-238-700-922	Sequence 922, App
361	11	16.4	17	15	US-10-339-793-423	Sequence 423, App
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363	11	16.4	19	16	US-10-349-143-4231	Sequence 4231, Ap
c 364	11	16.4	19	16	US-10-349-143-8800	Sequence 8800, Ap
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366	11	16.4	19	17	US-10-661-165-178	Sequence 178, App
c 367	11	16.4	20	10	US-09-952-522B-12	Sequence 12, Appl
368	11	16.4	20	10	US-09-741-744A-26	Sequence 26, Appl
369	11	16.4	20	10	US-09-954-679-12	Sequence 12, Appl
370	11	16.4	20	15	US-10-371-474-36	Sequence 36, Appl
371	11	16.4	20	15	US-10-160-632-24	Sequence 24, Appl
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c 373	11	16.4	20	16	US-10-289-762-4209	Sequence 4209, Ap
c 374	11	16.4	20	16	US-10-298-994-119	Sequence 119, App
375	11	16.4	20	17	US-10-304-126-79	Sequence 79, Appl
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377	11	16.4	20	17	US-10-688-706-2337	Sequence 2337, Ap
378	11	16.4	20	17	US-10-688-706-2352	Sequence 2352, Ap
379	11	16.4	20	17	US-10-688-706-2438	Sequence 2438, Ap
380	11	16.4	20	17	US-10-688-706-2450	Sequence 2450, Ap
381	11	16.4	20	17	US-10-688-706-2477	Sequence 2477, Ap
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385	11	16.4	20	17	US-10-688-706-2983	Sequence 2983, Ap
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c 387	11	16.4	20	17	US-10-182-644A-2	Sequence 2, Appl
388	11	16.4	20	17	US-10-619-739-33	Sequence 33, Appl
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390	11	16.4	20	18	US-10-659-473-52	Sequence 52, Appl
391	11	16.4	20	18	US-10-719-370A-79	Sequence 79, Appl
c 392	11	16.4	20	18	US-10-746-547-104	Sequence 104, App
393	11	16.4	20	18	US-10-788-232-26	Sequence 26, Appl
394	11	16.4	20	18	US-10-824-782-26	Sequence 26, Appl
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c 399	11	16.4	21	16	US-10-349-143-9201	Sequence 9201, Ap
c 400	11	16.4	21	17	US-10-128-520-235	Sequence 235, App
c 401	11	16.4	21	18	US-10-786-720-3216	Sequence 3216, Ap
c 402	11	16.4	22	9	US-09-961-663-8	Sequence 8, Appli
c 403	11	16.4	22	9	US-09-961-663-9	Sequence 9, Appli
c 404	11	16.4	23	10	US-09-925-547A-21	Sequence 21, Appli
c 405	11	16.4	24	9	US-09-426-548-140	Sequence 140, App
406	11	16.4	24	9	US-09-881-012-202	Sequence 202, App
407	11	16.4	24	12	US-09-881-012-202	Sequence 202, App
c 408	11	16.4	24	15	US-10-311-946-6	Sequence 6, Appli
409	11	16.4	24	15	US-10-311-946-7	Sequence 7, Appli
410	11	16.4	24	16	US-10-619-685-12	Sequence 12, Appli
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c 415	11	16.4	25	15	US-10-098-263B-15160	Sequence 15160, A
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c 417	11	16.4	25	15	US-10-098-263B-19034	Sequence 19034, A
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c 422	11	16.4	25	15	US-10-098-263B-28930	Sequence 28930, A
c 423	11	16.4	25	15	US-10-098-263B-30168	Sequence 30168, A
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427	11	16.4	25	15	US-10-098-263B-41310	Sequence 41310, A
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c 430	11	16.4	25	15	US-10-098-263B-48172	Sequence 48172, A
c 431	11	16.4	25	15	US-10-098-263B-63133	Sequence 63133, A
c 432	11	16.4	25	15	US-10-098-263B-72369	Sequence 72369, A
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c 447	11	16.4	25	15	US-10-369-214-118	Sequence 118, App
448	11	16.4	25	15	US-10-310-734-125	Sequence 125, App
449	11	16.4	25	16	US-10-349-143-11239	Sequence 11239, A
c 450	11	16.4	25	16	US-10-386-778-12	Sequence 12, Appli
c 451	11	16.4	25	16	US-10-387-314-1	Sequence 1, Appli
c 452	11	16.4	25	17	US-10-717-597-3711	Sequence 3711, Ap
c 453	11	16.4	25	17	US-10-717-597-4900	Sequence 4900, Ap

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c 455	11	16.4	26	16	US-10-161-493-229	Sequence 229, App
456	11	16.4	26	16	US-10-210-281-171	Sequence 171, App
457	11	16.4	27	9	US-09-949-145-75	Sequence 75, Appl
c 458	11	16.4	27	10	US-09-754-853A-24	Sequence 24, Appl
459	11	16.4	27	11	US-09-939-853A-113	Sequence 113, App
460	11	16.4	27	11	US-09-939-853A-115	Sequence 115, App
c 461	11	16.4	28	10	US-09-860-474-238	Sequence 238, App
c 462	11	16.4	28	10	US-09-851-486-2	Sequence 2, Appli
c 463	11	16.4	28	15	US-10-409-565-238	Sequence 238, App
c 464	11	16.4	28	15	US-10-223-666-91	Sequence 91, Appl
c 465	11	16.4	28	18	US-10-483-920-11	Sequence 11, Appl
c 466	11	16.4	29	13	US-10-094-146-17	Sequence 17, Appl
467	11	16.4	30	15	US-10-194-985-20	Sequence 20, Appl
c 468	11	16.4	30	16	US-10-296-242-4	Sequence 4, Appli
469	11	16.4	31	14	US-10-287-919-994	Sequence 994, App
c 470	11	16.4	32	18	US-10-781-362-21	Sequence 21, Appl
c 471	11	16.4	32	18	US-10-781-362-23	Sequence 23, Appl
c 472	11	16.4	32	18	US-10-781-362-28	Sequence 28, Appl
473	11	16.4	33	16	US-10-383-630-18	Sequence 18, Appl
c 474	11	16.4	33	17	US-10-128-520-267	Sequence 267, App
c 475	11	16.4	33	18	US-10-804-408-121	Sequence 121, App
c 476	11	16.4	34	13	US-10-006-009-29	Sequence 29, Appl
477	11	16.4	34	16	US-10-350-696-25	Sequence 25, Appl
478	11	16.4	34	18	US-10-817-607-48	Sequence 48, Appl
479	11	16.4	36	14	US-10-134-021-10	Sequence 10, Appl
480	11	16.4	36	16	US-10-360-101-33	Sequence 33, Appl
c 481	11	16.4	36	17	US-10-128-520-233	Sequence 233, App
c 482	11	16.4	36	17	US-10-128-520-243	Sequence 243, App
c 483	11	16.4	36	17	US-10-128-520-248	Sequence 248, App
484	11	16.4	36	18	US-10-864-012-10	Sequence 10, Appl
c 485	11	16.4	37	10	US-09-780-164-1811	Sequence 1811, Ap
c 486	11	16.4	38	10	US-09-851-871-20	Sequence 20, Appl
487	11	16.4	38	14	US-10-134-021-16	Sequence 16, Appl
c 488	11	16.4	38	16	US-10-383-630-4	Sequence 4, Appli
c 489	11	16.4	38	16	US-10-444-206-20	Sequence 20, Appl
490	11	16.4	38	18	US-10-864-012-16	Sequence 16, Appl
c 491	11	16.4	38	18	US-10-641-962-20	Sequence 20, Appl
c 492	11	16.4	41	16	US-10-035-833A-1024	Sequence 1024, Ap
c 493	11	16.4	41	16	US-10-035-833A-2161	Sequence 2161, Ap
494	11	16.4	41	16	US-10-035-833A-2663	Sequence 2663, Ap
495	11	16.4	41	16	US-10-035-833A-2903	Sequence 2903, Ap
c 496	11	16.4	41	16	US-10-035-833A-2969	Sequence 2969, Ap
c 497	11	16.4	41	16	US-10-035-833A-3378	Sequence 3378, Ap
c 498	11	16.4	41	16	US-10-035-833A-3589	Sequence 3589, Ap
499	11	16.4	41	16	US-10-035-833A-5067	Sequence 5067, Ap
c 500	11	16.4	41	16	US-10-035-833A-5132	Sequence 5132, Ap
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c 502	11	16.4	42	15	US-10-331-061-59	Sequence 59, Appl
c 503	11	16.4	43	15	US-10-032-585-838	Sequence 838, App
504	11	16.4	43	15	US-10-032-585-1880	Sequence 1880, Ap
c 505	11	16.4	43	17	US-10-373-612A-12	Sequence 12, Appl
c 506	11	16.4	43	17	US-10-373-612A-14	Sequence 14, Appl
507	11	16.4	44	15	US-10-142-283-63	Sequence 63, Appl
508	11	16.4	44	15	US-10-142-283-98	Sequence 98, Appl
509	11	16.4	45	17	US-10-606-133-9	Sequence 9, Appli
c 510	11	16.4	45	17	US-10-606-133-17	Sequence 17, Appl

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c 512	11	16.4	45	18	US-10-851-383-256	Sequence 256, App
513	11	16.4	46	10	US-09-916-963-17	Sequence 17, Appl
514	11	16.4	46	10	US-09-951-061A-17	Sequence 17, Appl
515	11	16.4	46	15	US-10-267-384-17	Sequence 17, Appl
516	11	16.4	46	15	US-10-441-788-17	Sequence 17, Appl
517	11	16.4	47	16	US-10-349-143-1287	Sequence 1287, Ap
518	11	16.4	47	16	US-10-349-143-3666	Sequence 3666, Ap
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c 520	11	16.4	50	9	US-09-783-590-2759	Sequence 2759, Ap
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c 522	11	16.4	50	15	US-10-112-691-69	Sequence 69, Appl
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c 524	11	16.4	50	16	US-10-131-827-396	Sequence 396, App
c 525	11	16.4	50	16	US-10-131-827-409	Sequence 409, App
526	11	16.4	50	16	US-10-131-827-2974	Sequence 2974, Ap
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530	11	16.4	50	16	US-10-131-827-7386	Sequence 7386, Ap
c 531	11	16.4	50	16	US-10-131-827-7758	Sequence 7758, Ap
c 532	11	16.4	50	16	US-10-062-188-230	Sequence 230, App
533	11	16.4	50	18	US-10-770-538-217	Sequence 217, App
534	11	16.4	51	9	US-09-923-876-166	Sequence 166, App
535	11	16.4	51	10	US-09-923-876-166	Sequence 166, App
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c 546	11	16.4	51	18	US-10-813-638-471	Sequence 471, App
c 547	11	16.4	51	18	US-10-813-638-472	Sequence 472, App
548	11	16.4	54	8	US-08-781-986A-5031	Sequence 5031, Ap
549	11	16.4	54	8	US-08-781-986A-5042	Sequence 5042, Ap
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551	11	16.4	54	16	US-10-329-624-5042	Sequence 5042, Ap
c 552	11	16.4	57	8	US-08-781-986A-2433	Sequence 2433, Ap
c 553	11	16.4	57	16	US-10-329-624-2433	Sequence 2433, Ap
c 554	11	16.4	58	8	US-08-781-986A-4977	Sequence 4977, Ap
c 555	11	16.4	58	16	US-10-329-624-4977	Sequence 4977, Ap
c 556	11	16.4	59	8	US-08-781-986A-3525	Sequence 3525, Ap
c 557	11	16.4	59	16	US-10-329-624-3525	Sequence 3525, Ap
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c 561	11	16.4	60	10	US-09-908-975-16170	Sequence 16170, A
c 562	11	16.4	60	10	US-09-908-975-19721	Sequence 19721, A
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c 567	11	16.4	63	18	US-10-781-362-26	Sequence 26, Appl

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572	11	16.4	65	10	US-09-908-975-25544	Sequence 25544, A
573	11	16.4	65	10	US-09-908-975-30109	Sequence 30109, A
c 574	11	16.4	65	15	US-10-032-585-464	Sequence 464, App
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c 576	11	16.4	65	15	US-10-032-585-1010	Sequence 1010, Ap
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c 578	11	16.4	65	15	US-10-032-585-1380	Sequence 1380, Ap
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c 583	11	16.4	65	15	US-10-032-585-2427	Sequence 2427, Ap
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c 586	11	16.4	65	15	US-10-032-585-2879	Sequence 2879, Ap
587	11	16.4	65	15	US-10-032-585-2924	Sequence 2924, Ap
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592	11	16.4	66	13	US-10-027-632-52459	Sequence 52459, A
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c 595	11	16.4	66	15	US-10-142-283-67	Sequence 67, Appl
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c 597	11	16.4	66	15	US-10-142-283-102	Sequence 102, App
598	11	16.4	66	15	US-10-027-632-52443	Sequence 52443, A
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c 606	11	16.4	68	15	US-10-267-384-141	Sequence 141, App
607	11	16.4	68	16	US-10-329-624-4952	Sequence 4952, Ap
c 608	11	16.4	70	10	US-09-907-111-122	Sequence 122, App
c 609	11	16.4	71	8	US-08-781-986A-2469	Sequence 2469, Ap
c 610	11	16.4	71	16	US-10-329-624-2469	Sequence 2469, Ap
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613	11	16.4	77	15	US-10-409-565-167	Sequence 167, App
614	11	16.4	77	16	US-10-329-624-4957	Sequence 4957, Ap
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c 618	11	16.4	80	10	US-09-747-377-426	Sequence 426, App
c 619	11	16.4	80	13	US-10-027-632-175815	Sequence 175815,
c 620	11	16.4	80	14	US-10-105-613-426	Sequence 426, App
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624	11	16.4	81	10	US-09-963-131-85	Sequence 85, Appl

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628	11	16.4	83	10	US-09-860-474-211	Sequence 211, App
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631	11	16.4	83	15	US-10-409-565-174	Sequence 174, App
632	11	16.4	83	15	US-10-409-565-185	Sequence 185, App
633	11	16.4	83	15	US-10-409-565-211	Sequence 211, App
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635	11	16.4	83	15	US-10-223-666-118	Sequence 118, App
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638	11	16.4	84	10	US-09-860-474-217	Sequence 217, App
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641	11	16.4	84	10	US-09-851-486-18	Sequence 18, Appli
642	11	16.4	84	15	US-10-409-565-175	Sequence 175, App
643	11	16.4	84	15	US-10-409-565-181	Sequence 181, App
644	11	16.4	84	15	US-10-409-565-217	Sequence 217, App
645	11	16.4	84	15	US-10-223-666-93	Sequence 93, Appli
646	11	16.4	84	15	US-10-223-666-106	Sequence 106, App
647	11	16.4	84	15	US-10-223-666-107	Sequence 107, App
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652	11	16.4	85	10	US-09-860-474-165	Sequence 165, App
653	11	16.4	85	10	US-09-860-474-170	Sequence 170, App
654	11	16.4	85	10	US-09-860-474-171	Sequence 171, App
655	11	16.4	85	10	US-09-860-474-173	Sequence 173, App
656	11	16.4	85	10	US-09-860-474-184	Sequence 184, App
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669	11	16.4	85	15	US-10-409-565-164	Sequence 164, App
670	11	16.4	85	15	US-10-409-565-165	Sequence 165, App
671	11	16.4	85	15	US-10-409-565-170	Sequence 170, App
672	11	16.4	85	15	US-10-409-565-171	Sequence 171, App
673	11	16.4	85	15	US-10-409-565-173	Sequence 173, App
674	11	16.4	85	15	US-10-409-565-184	Sequence 184, App
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676	11	16.4	85	15	US-10-409-565-207	Sequence 207, App
677	11	16.4	85	15	US-10-409-565-208	Sequence 208, App
678	11	16.4	85	15	US-10-409-565-213	Sequence 213, App
679	11	16.4	85	15	US-10-409-565-216	Sequence 216, App
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681	11	16.4	85	15	US-10-223-666-96	Sequence 96, Appli

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683	11	16.4	85	15	US-10-223-666-115	Sequence 115, App
684	11	16.4	85	15	US-10-223-666-119	Sequence 119, App
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686	11	16.4	86	9	US-09-864-761-26993	Sequence 26993, A
687	11	16.4	86	10	US-09-860-474-159	Sequence 159, App
688	11	16.4	86	10	US-09-860-474-160	Sequence 160, App
689	11	16.4	86	10	US-09-860-474-162	Sequence 162, App
690	11	16.4	86	10	US-09-860-474-163	Sequence 163, App
691	11	16.4	86	10	US-09-860-474-166	Sequence 166, App
692	11	16.4	86	10	US-09-860-474-168	Sequence 168, App
693	11	16.4	86	10	US-09-860-474-169	Sequence 169, App
694	11	16.4	86	10	US-09-860-474-172	Sequence 172, App
695	11	16.4	86	10	US-09-860-474-182	Sequence 182, App
696	11	16.4	86	10	US-09-860-474-183	Sequence 183, App
697	11	16.4	86	10	US-09-860-474-197	Sequence 197, App
698	11	16.4	86	10	US-09-860-474-209	Sequence 209, App
699	11	16.4	86	10	US-09-860-474-210	Sequence 210, App
700	11	16.4	86	10	US-09-860-474-212	Sequence 212, App
701	11	16.4	86	10	US-09-860-474-214	Sequence 214, App
702	11	16.4	86	10	US-09-860-474-218	Sequence 218, App
703	11	16.4	86	10	US-09-860-474-237	Sequence 237, App
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707	11	16.4	86	10	US-09-851-486-10	Sequence 10, Appl
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709	11	16.4	86	10	US-09-851-486-13	Sequence 13, Appl
710	11	16.4	86	10	US-09-851-486-14	Sequence 14, Appl
711	11	16.4	86	10	US-09-851-486-15	Sequence 15, Appl
712	11	16.4	86	10	US-09-851-486-19	Sequence 19, Appl
713	11	16.4	86	10	US-09-851-486-20	Sequence 20, Appl
714	11	16.4	86	10	US-09-851-486-21	Sequence 21, Appl
715	11	16.4	86	10	US-09-851-486-22	Sequence 22, Appl
716	11	16.4	86	10	US-09-851-486-23	Sequence 23, Appl
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718	11	16.4	86	10	US-09-851-486-25	Sequence 25, Appl
719	11	16.4	86	10	US-09-851-486-27	Sequence 27, Appl
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721	11	16.4	86	10	US-09-851-486-31	Sequence 31, Appl
722	11	16.4	86	10	US-09-851-486-33	Sequence 33, Appl
723	11	16.4	86	10	US-09-851-486-34	Sequence 34, Appl
724	11	16.4	86	10	US-09-851-486-35	Sequence 35, Appl
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727	11	16.4	86	15	US-10-409-565-160	Sequence 160, App
728	11	16.4	86	15	US-10-409-565-162	Sequence 162, App
729	11	16.4	86	15	US-10-409-565-163	Sequence 163, App
730	11	16.4	86	15	US-10-409-565-166	Sequence 166, App
731	11	16.4	86	15	US-10-409-565-168	Sequence 168, App
732	11	16.4	86	15	US-10-409-565-169	Sequence 169, App
733	11	16.4	86	15	US-10-409-565-172	Sequence 172, App
734	11	16.4	86	15	US-10-409-565-182	Sequence 182, App
735	11	16.4	86	15	US-10-409-565-183	Sequence 183, App
736	11	16.4	86	15	US-10-409-565-197	Sequence 197, App
737	11	16.4	86	15	US-10-409-565-209	Sequence 209, App
738	11	16.4	86	15	US-10-409-565-210	Sequence 210, App

739	11	16.4	86	15	US-10-409-565-212	Sequence 212, App
740	11	16.4	86	15	US-10-409-565-214	Sequence 214, App
741	11	16.4	86	15	US-10-409-565-218	Sequence 218, App
742	11	16.4	86	15	US-10-409-565-237	Sequence 237, App
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744	11	16.4	86	15	US-10-223-666-95	Sequence 95, Appl
745	11	16.4	86	15	US-10-223-666-98	Sequence 98, Appl
746	11	16.4	86	15	US-10-223-666-99	Sequence 99, Appl
747	11	16.4	86	15	US-10-223-666-101	Sequence 101, App
748	11	16.4	86	15	US-10-223-666-102	Sequence 102, App
749	11	16.4	86	15	US-10-223-666-103	Sequence 103, App
750	11	16.4	86	15	US-10-223-666-104	Sequence 104, App
751	11	16.4	86	15	US-10-223-666-108	Sequence 108, App
752	11	16.4	86	15	US-10-223-666-109	Sequence 109, App
753	11	16.4	86	15	US-10-223-666-110	Sequence 110, App
754	11	16.4	86	15	US-10-223-666-111	Sequence 111, App
755	11	16.4	86	15	US-10-223-666-112	Sequence 112, App
756	11	16.4	86	15	US-10-223-666-113	Sequence 113, App
757	11	16.4	86	15	US-10-223-666-114	Sequence 114, App
758	11	16.4	86	15	US-10-223-666-116	Sequence 116, App
759	11	16.4	86	15	US-10-223-666-117	Sequence 117, App
760	11	16.4	86	15	US-10-223-666-120	Sequence 120, App
761	11	16.4	86	15	US-10-223-666-122	Sequence 122, App
762	11	16.4	86	15	US-10-223-666-123	Sequence 123, App
763	11	16.4	86	15	US-10-223-666-124	Sequence 124, App
764	11	16.4	87	8	US-08-781-986A-4862	Sequence 4862, Ap
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766	11	16.4	87	15	US-10-223-666-105	Sequence 105, App
767	11	16.4	87	16	US-10-329-624-4862	Sequence 4862, Ap
768	11	16.4	88	9	US-09-294-093B-1397	Sequence 1397, Ap
c 769	11	16.4	89	9	US-09-864-761-28206	Sequence 28206, A
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c 771	11	16.4	90	10	US-09-535-459-1333	Sequence 1333, Ap
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773	11	16.4	90	15	US-10-027-632-52269	Sequence 52269, A
c 774	11	16.4	93	8	US-08-781-986A-2117	Sequence 2117, Ap
c 775	11	16.4	93	10	US-09-918-995-18711	Sequence 18711, A
c 776	11	16.4	93	16	US-10-329-624-2117	Sequence 2117, Ap
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#### ALIGNMENTS

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 00:43:51 ; Search time 127.513 Seconds  
(without alignments)  
953.197 Million cell updates/sec

Title: US-09-463-209D-1

Perfect score: 171

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Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%  
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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c 4	171	100.0	400	4	US-08-781-986A-3719	Sequence 3719, Ap
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c 8	171	100.0	587	4	US-08-781-986A-3554	Sequence 3554, Ap
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12	171	100.0	30246	4	US-08-781-986A-56	Sequence 56, Appl
c 13	170	99.4	400	4	US-08-956-171E-3700	Sequence 3700, Ap
c 14	170	99.4	400	4	US-08-781-986A-3700	Sequence 3700, Ap
c 15	169.4	99.1	400	4	US-08-956-171E-3638	Sequence 3638, Ap
c 16	169.4	99.1	400	4	US-08-781-986A-3638	Sequence 3638, Ap
c 17	168.4	98.5	400	4	US-08-956-171E-3768	Sequence 3768, Ap
c 18	168.4	98.5	400	4	US-08-781-986A-3768	Sequence 3768, Ap
c 19	167.4	97.9	458	4	US-08-956-171E-3757	Sequence 3757, Ap
c 20	167.4	97.9	458	4	US-08-781-986A-3757	Sequence 3757, Ap
21	164.6	96.3	400	4	US-08-956-171E-3708	Sequence 3708, Ap
22	164.6	96.3	400	4	US-08-781-986A-3708	Sequence 3708, Ap
c 23	163.6	95.7	6591	4	US-08-956-171E-3114	Sequence 3114, Ap
c 24	163.6	95.7	6591	4	US-08-781-986A-3114	Sequence 3114, Ap
c 25	161.2	94.3	340	4	US-08-956-171E-4195	Sequence 4195, Ap
c 26	161.2	94.3	340	4	US-08-781-986A-4195	Sequence 4195, Ap
c 27	159	93.0	400	4	US-08-956-171E-3738	Sequence 3738, Ap
c 28	159	93.0	400	4	US-08-781-986A-3738	Sequence 3738, Ap
c 29	159	93.0	425	4	US-08-956-171E-3714	Sequence 3714, Ap
c 30	159	93.0	425	4	US-08-781-986A-3714	Sequence 3714, Ap
31	156	91.2	840	4	US-08-956-171E-508	Sequence 508, App
32	156	91.2	840	4	US-08-781-986A-508	Sequence 508, App
c 33	154	90.1	400	4	US-08-956-171E-3611	Sequence 3611, Ap
c 34	154	90.1	400	4	US-08-956-171E-3634	Sequence 3634, Ap
c 35	154	90.1	400	4	US-08-781-986A-3611	Sequence 3611, Ap
c 36	154	90.1	400	4	US-08-781-986A-3634	Sequence 3634, Ap
c 37	145.4	85.0	386	4	US-08-956-171E-4064	Sequence 4064, Ap
c 38	145.4	85.0	386	4	US-08-781-986A-4064	Sequence 4064, Ap
39	143.4	83.9	2209	4	US-08-956-171E-3552	Sequence 3552, Ap
40	143.4	83.9	2209	4	US-08-781-986A-3552	Sequence 3552, Ap
41	140.8	82.3	400	4	US-08-956-171E-3858	Sequence 3858, Ap
42	140.8	82.3	400	4	US-08-781-986A-3858	Sequence 3858, Ap
c 43	140.2	82.0	400	4	US-08-956-171E-3934	Sequence 3934, Ap
c 44	140.2	82.0	400	4	US-08-781-986A-3934	Sequence 3934, Ap
c 45	138.6	81.1	400	4	US-08-956-171E-3866	Sequence 3866, Ap

#### ALIGNMENTS

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:29:21 ; Search time 2177.85 Seconds  
(without alignments)  
1121.045 Million cell updates/sec

Title: US-09-463-209D-1\_COPY\_100\_166  
Perfect score: 67  
Sequence: 1 gaagacttaatcaaaataaa.....ttactatctagtttgaatg 67

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 32822875 seqs, 18219865908 residues

Word size : 10

Total number of hits satisfying chosen parameters: 3658

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : EST:  
1: gb\_est1:  
2: gb\_est2:  
3: gb\_htc:  
4: gb\_est3:  
5: gb\_est4:  
6: gb\_est5:  
7: gb\_est6:  
8: gb\_gss1:  
9: gb\_gss2:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

%

Result	Query					Description
No.	Score	Match	Length	DB	ID	
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c 1	16	23.9	91	1	AU013220	AU013220 AU013220
c 2	15	22.4	56	7	CF358645	CF358645 rl49b07.y
c 3	15	22.4	58	1	AJ707678	AJ707678 AJ707678
c 4	15	22.4	63	1	AI472454	AI472454 tl77a11.x
c 5	15	22.4	65	1	AA663663	AA663663 ae72b03.s
c 6	15	22.4	73	1	AI459640	AI459640 ar83g02.x
c 7	15	22.4	75	2	BF643652	BF643652 NF005A04E
c 8	15	22.4	76	1	AI365309	AI365309 qx65f05.x
c 9	15	22.4	77	9	CG605525	CG605525 OST282231

c	10	15	22.4	90	1	AI656705	AI656705 tt47d12.x
c	11	15	22.4	98	1	AI640370	AI640370 tz70a03.x
	12	14	20.9	35	8	AZ484761	AZ484761 1M0311024
	13	14	20.9	56	5	BQ386892	BQ386892 NISC_mn20
c	14	14	20.9	69	1	AU258735	AU258735 AU258735
	15	14	20.9	82	9	CG696068	CG696068 BARC_BFGL
	16	14	20.9	92	7	D20580	D20580 HUMGS01555
c	17	14	20.9	93	9	CR055127	CR055127 Reverse s
	18	13	19.4	28	1	AU254524	AU254524 AU254524
	19	13	19.4	28	7	D18236	D18236 MUSGS00515
	20	13	19.4	42	8	AZ618672	AZ618672 1M0450G08
c	21	13	19.4	52	7	CN754704	CN754704 ID0AAA13D
	22	13	19.4	57	1	AA422578	AA422578 vf15a05.s
c	23	13	19.4	57	7	CK122612	CK122612 BES182410
c	24	13	19.4	57	8	AZ767277	AZ767277 1M0566C22
	25	13	19.4	58	1	AU255999	AU255999 AU255999
c	26	13	19.4	59	1	AI719267	AI719267 as45e01.x
c	27	13	19.4	59	8	BH861600	BH861600 SALK_0875
c	28	13	19.4	62	1	AA781053	AA781053 aj10f11.s
	29	13	19.4	63	8	BZ770283	BZ770283 SALK_1432
	30	13	19.4	64	9	CG646023	CG646023 OST391356
	31	13	19.4	66	7	CN565030	CN565030 tag23e01.
	32	13	19.4	67	6	CA333624	CA333624 haa87b11.
	33	13	19.4	68	1	AA656750	AA656750 vr50b06.s
	34	13	19.4	68	7	D82238	D82238 HUMHBC4676
	35	13	19.4	68	9	CR405465	CR405465 Arabidops
c	36	13	19.4	71	9	AL948795	AL948795 Arabidops
c	37	13	19.4	71	9	BX240682	BX240682 Danio rer
	38	13	19.4	72	4	BI260363	BI260363 602969412
c	39	13	19.4	72	9	AJ592276	AJ592276 Arabidops
c	40	13	19.4	72	9	AL759353	AL759353 Arabidops
	41	13	19.4	73	7	CO067800	CO067800 Mdfrt3028
	42	13	19.4	74	9	AL946921	AL946921 Arabidops
	43	13	19.4	76	8	BZ355700	BZ355700 SALK_1273
	44	13	19.4	77	8	AZ620763	AZ620763 1M0453D09
c	45	13	19.4	78	1	AU266616	AU266616 AU266616
c	46	13	19.4	78	9	CG669800	CG669800 OST467104
c	47	13	19.4	80	7	CN572484	CN572484 rf55f04.x
	48	13	19.4	81	6	CF044632	CF044632 QCJ31e09.
	49	13	19.4	82	4	BM180281	BM180281 daj87g01.
c	50	13	19.4	82	9	CL529478	CL529478 HIV43C07.
c	51	13	19.4	84	5	BP049384	BP049384 BP049384
	52	13	19.4	84	9	BX285269	BX285269 Arabidops
	53	13	19.4	84	9	CR398339	CR398339 Arabidops
c	54	13	19.4	85	1	AI477927	AI477927 fb49b10.x
	55	13	19.4	85	6	CA330259	CA330259 hab03d07.
c	56	13	19.4	85	6	CF269679	CF269679 Fcylcold8
c	57	13	19.4	85	7	CK108098	CK108098 G097P08 P
	58	13	19.4	85	9	AL758242	AL758242 Arabidops
	59	13	19.4	87	6	CD961625	CD961625 SDK_163 G
	60	13	19.4	87	9	BX243000	BX243000 Danio rer
c	61	13	19.4	89	4	BM436118	BM436118 1Ru21C6.a
	62	13	19.4	91	7	D18617	D18617 MUSGS01678
c	63	13	19.4	91	8	AZ583129	AZ583129 1M0376E22
c	64	13	19.4	93	4	BM191542	BM191542 daj87g01.
c	65	13	19.4	93	9	CC793340	CC793340 SALK_0135
	66	13	19.4	95	5	BX312641	BX312641 BX312641

c	67	13	19.4	95	8	AZ769467	AZ769467 1M0570009
c	68	13	19.4	96	6	CB297541	CB297541 12B22017_
c	69	13	19.4	97	4	BI703462	BI703462 fs89b09.x
	70	13	19.4	97	7	CN749677	CN749677 ApAL3SD-X
	71	13	19.4	97	8	AZ583446	AZ583446 1M0378E05
	72	13	19.4	97	9	AL771665	AL771665 Arabidops
c	73	13	19.4	99	2	AW150368	AW150368 xg50e05.x
	74	13	19.4	99	9	TA142E01P	AL466934 T. brucei
	75	13	19.4	100	1	AV772557	AV772557 AV772557
	76	13	19.4	100	2	AW847000	AW847000 RC1-CT019
c	77	13	19.4	100	8	BH902991	BH902991 SALK_1016
	78	13	19.4	100	9	TA392E01Q	AL498251 T. brucei
c	79	12	17.9	26	9	TA339E12P	AL497414 T. brucei
c	80	12	17.9	27	1	AU264557	AU264557 AU264557
	81	12	17.9	29	7	D25656	D25656 HUMGS04014
	82	12	17.9	30	1	AU254675	AU254675 AU254675
	83	12	17.9	30	7	D19146	D19146 MUSGS01366
	84	12	17.9	30	9	TA115D02P	AL462830 T. brucei
	85	12	17.9	33	1	AU267504	AU267504 AU267504
	86	12	17.9	35	8	BH814520	BH814520 SALK_0665
c	87	12	17.9	37	1	AA588156	AA588156 nm99c11.s
	88	12	17.9	38	9	AG188555	AG188555 Pan trogl
c	89	12	17.9	40	1	AI194839	AI194839 ui57d09.x
	90	12	17.9	40	1	AA237443	AA237443 mw95e01.r
c	91	12	17.9	42	6	C00698	C00698 HUMGS000825
c	92	12	17.9	42	6	C21090	C21090 HUMGS000260
c	93	12	17.9	42	9	CL437544	CL437544 PST5826-N
	94	12	17.9	43	6	C01095	C01095 HUMGS000775
	95	12	17.9	43	9	PCH303599	AJ303599 Plasmodiu
c	96	12	17.9	44	1	AU257585	AU257585 AU257585
c	97	12	17.9	46	1	AI085448	AI085448 ow85a04.s
c	98	12	17.9	46	9	CR298021	CR298021 Medicago
	99	12	17.9	48	8	BH901632	BH901632 SALK_0834
	100	12	17.9	49	8	BZ660897	BZ660897 SALK_0243
	101	12	17.9	49	9	CL522438	CL522438 DAK2G12 F
	102	12	17.9	49	9	CL522924	CL522924 DAK7G08 F
c	103	12	17.9	50	1	AU107018	AU107018 AU107018
c	104	12	17.9	50	1	AU107019	AU107019 AU107019
c	105	12	17.9	50	8	AZ512131	AZ512131 1M0357C05
c	106	12	17.9	50	9	AJ591147	AJ591147 Arabidops
	107	12	17.9	50	9	TA120E02Q	AL462896 T. brucei
c	108	12	17.9	51	8	AZ445438	AZ445438 1M0241C13
c	109	12	17.9	51	8	BZ770486	BZ770486 SALK_1434
	110	12	17.9	51	9	CC886839	CC886839 SALK_1491
c	111	12	17.9	52	8	AZ784267	AZ784267 2M0026I23
	112	12	17.9	52	8	B03289	B03289 cSRL-174F6-
c	113	12	17.9	52	8	BH908628	BH908628 SALK_0497
c	114	12	17.9	53	1	AA911274	AA911274 oe75c03.s
	115	12	17.9	53	5	BQ088956	BQ088956 ko31d05.y
	116	12	17.9	53	5	BQ088957	BQ088957 ko31d06.y
	117	12	17.9	53	5	BQ089265	BQ089265 ko24a06.y
c	118	12	17.9	53	8	BH847876	BH847876 SALK_0606
	119	12	17.9	54	9	TA280E07P	AL487062 T. brucei
	120	12	17.9	55	1	AA511976	AA511976 vj41c02.r
	121	12	17.9	55	2	AW079030	AW079030 xb46c06.x
c	122	12	17.9	55	4	BG272415	BG272415 nah30b09.
	123	12	17.9	55	4	BM505349	BM505349 ig93f05.x

124	12	17.9	55	6	C00381	C00381 HUMGS000398
c 125	12	17.9	56	6	CD711829	CD711829 VVC021A03
126	12	17.9	56	9	TA125G09P	AL463208 T. brucei
c 127	12	17.9	57	4	BG060446	BG060446 L0903B02-
c 128	12	17.9	57	7	N67379	N67379 yz50h06.s1
c 129	12	17.9	57	9	AL764674	AL764674 Arabidops
c 130	12	17.9	57	9	BX654864	BX654864 Arabidops
131	12	17.9	58	8	AZ783415	AZ783415 2M0025B11
132	12	17.9	58	9	DR40C16S	AL980176 Danio rer
c 133	12	17.9	59	1	AA026246	AA026246 zj99a03.s
134	12	17.9	59	1	AI049592	AI049592 an34d11.x
c 135	12	17.9	59	1	AI815945	AI815945 au43h09.x
136	12	17.9	59	2	BE916921	BE916921 601666463
137	12	17.9	59	4	BI396668	BI396668 ro60b04.y
138	12	17.9	60	8	B05620	B05620 cSRSL-68d11-
139	12	17.9	60	9	CR238726	CR238726 Reverse s
c 140	12	17.9	61	4	BM116023	BM116023 L0829C12-
141	12	17.9	62	4	BI654921	BI654921 603282875
142	12	17.9	62	5	BQ089422	BQ089422 ko26e11.y
143	12	17.9	62	6	CB099379	CB099379 ks09h04.y
c 144	12	17.9	62	9	DR39E13T	AL977649 Danio rer
145	12	17.9	63	6	CB724894	CB724894 EST0859 R
c 146	12	17.9	63	6	CB915296	CB915296 VVD120C10
c 147	12	17.9	63	6	CD919707	CD919707 G608.114E
c 148	12	17.9	63	9	BX651342	BX651342 Arabidops
149	12	17.9	63	9	CC886837	CC886837 SALK_1491
c 150	12	17.9	64	1	AA780922	AA780922 ag99a08.s
c 151	12	17.9	64	1	AA107029	AA107029 m192e09.r
c 152	12	17.9	64	2	BE638270	BE638270 SWOvMfCAR
153	12	17.9	64	2	BF154395	BF154395 SWOvL3CAN
c 154	12	17.9	64	4	BG146813	BG146813 mab93e08.
c 155	12	17.9	64	4	BI792455	BI792455 ic30g08.x
c 156	12	17.9	65	7	CR447061	CR447061 CR447061
157	12	17.9	65	8	BH900870	BH900870 KG02348-5
c 158	12	17.9	65	9	BX893872	BX893872 Arabidops
c 159	12	17.9	66	1	AA170728	AA170728 ms70e11.r
c 160	12	17.9	67	4	BG151804	BG151804 nag64g03.
c 161	12	17.9	67	9	BX892800	BX892800 Arabidops
c 162	12	17.9	68	7	T25063	T25063 EST638 Huma
c 163	12	17.9	68	8	AZ575904	AZ575904 AST-T22B0
164	12	17.9	69	1	AI318263	AI318263 tb03b11.x
c 165	12	17.9	69	5	BU964827	BU964827 sat03b10.
166	12	17.9	69	9	BX654962	BX654962 Arabidops
c 167	12	17.9	70	1	AA908282	AA908282 og33e02.s
168	12	17.9	70	4	BI749415	BI749415 ro77g11.y
169	12	17.9	70	7	CN760952	CN760952 ID0AAA29D
170	12	17.9	70	7	H18107	H18107 yn47e04.s1
171	12	17.9	70	8	AZ603142	AZ603142 1M0422H16
c 172	12	17.9	70	9	AL764786	AL764786 Arabidops
c 173	12	17.9	71	4	BG552934	BG552934 dab81f09.
c 174	12	17.9	71	9	BX289223	BX289223 Arabidops
175	12	17.9	71	9	CG598962	CG598962 OST265039
c 176	12	17.9	72	1	AA876305	AA876305 oj14h03.s
c 177	12	17.9	72	1	AA155462	AA155462 mr81c03.r
178	12	17.9	72	4	BI748898	BI748898 ro83e03.y
c 179	12	17.9	72	9	CR053323	CR053323 Forward s
c 180	12	17.9	73	1	AI440176	AI440176 ti57d12.x

181	12	17.9	73	2	AW499101	AW499101 SWOvAFCAP
c 182	12	17.9	73	6	C00400	C00400 HUMGS000491
c 183	12	17.9	73	7	CK725752	CK725752 SWWbL3CAW
c 184	12	17.9	74	5	BU834399	BU834399 T060F11 P
185	12	17.9	74	9	CR396161	CR396161 Arabidops
c 186	12	17.9	75	1	AL970072	AL970072 AL970072
187	12	17.9	75	4	BI704153	BI704153 ro62g07.y
188	12	17.9	75	7	CN003562	CN003562 ip18b11.g
189	12	17.9	75	9	CR141860	CR141860 Reverse s
190	12	17.9	75	9	CR395116	CR395116 Arabidops
c 191	12	17.9	76	5	BP135565	BP135565 BP135565
c 192	12	17.9	76	9	AL769522	AL769522 Arabidops
193	12	17.9	77	1	AU258745	AU258745 AU258745
c 194	12	17.9	77	1	AV777823	AV777823 AV777823
195	12	17.9	77	2	BF318696	BF318696 uy05a06.y
c 196	12	17.9	77	5	BU832800	BU832800 T038D05 P
c 197	12	17.9	77	9	BX892198	BX892198 Arabidops
c 198	12	17.9	78	2	AW569056	AW569056 si74h08.y
199	12	17.9	78	8	BZ352935	BZ352935 SALK_1195
200	12	17.9	78	8	BZ352936	BZ352936 SALK_1195
201	12	17.9	78	8	BZ763692	BZ763692 SALK_1211
202	12	17.9	78	9	CR395115	CR395115 Arabidops
203	12	17.9	79	1	AJ705221	AJ705221 AJ705221
204	12	17.9	79	5	BQ265879	BQ265879 NISC_ff09
c 205	12	17.9	79	7	CF800333	CF800333 RpL3i-X-A
c 206	12	17.9	79	9	CR133934	CR133934 Forward s
207	12	17.9	80	1	AA237863	AA237863 mx77b10.r
c 208	12	17.9	80	2	BE845192	BE845192 AD08B10T7
c 209	12	17.9	80	5	BQ090230	BQ090230 rc63b02.y
210	12	17.9	80	7	D12253	D12253 HUM000S416
c 211	12	17.9	80	8	AZ799263	AZ799263 2M0056F03
c 212	12	17.9	80	9	BX289643	BX289643 Arabidops
c 213	12	17.9	80	9	CR403882	CR403882 Arabidops
c 214	12	17.9	81	1	AI970603	AI970603 wr13a04.x
215	12	17.9	81	1	AV966681	AV966681 AV966681
216	12	17.9	81	1	AA422715	AA422715 vd29a06.s
c 217	12	17.9	81	6	CD285982	CD285982 10_B10.ab
c 218	12	17.9	81	6	CD749555	CD749555 rd58h07.y
219	12	17.9	81	6	CD914692	CD914692 G550.123K
220	12	17.9	81	8	AZ318339	AZ318339 1M0037D06
221	12	17.9	82	2	AW279491	AW279491 sf90c07.y
c 222	12	17.9	82	2	BE646008	BE646008 7e79e09.x
c 223	12	17.9	82	8	AZ790400	AZ790400 2M0038H19
c 224	12	17.9	82	8	AZ803152	AZ803152 2M0063F21
225	12	17.9	82	8	BH614963	BH614963 KG02316-5
c 226	12	17.9	83	1	AI140294	AI140294 qa36e08.x
c 227	12	17.9	83	1	AI286225	AI286225 qi02e11.x
228	12	17.9	83	1	AI505128	AI505128 vq69g02.x
229	12	17.9	83	4	BI558690	BI558690 603241405
230	12	17.9	83	7	CN772916	CN772916 tae01d12.
231	12	17.9	83	8	BZ662635	BZ662635 SALK_0261
232	12	17.9	84	5	BM928905	BM928905 XLTCC023
c 233	12	17.9	84	9	AL946343	AL946343 Arabidops
234	12	17.9	85	2	AW721809	AW721809 SWYD25CAU
235	12	17.9	86	1	AA708191	AA708191 zj76f11.s
236	12	17.9	86	1	AA422548	AA422548 vf14d02.s
237	12	17.9	87	1	AV536267	AV536267 AV536267

238	12	17.9	87	1	AV966913	AV966913 AV966913
239	12	17.9	88	1	AI116094	AI116094 uc16b01.r
240	12	17.9	88	9	AJ600566	AJ600566 Arabidops
241	12	17.9	89	1	AI616217	AI616217 vr52h08.x
c 242	12	17.9	89	2	BF536807	BF536807 602049291
c 243	12	17.9	89	4	BG791567	BG791567 UTSW_H13D
c 244	12	17.9	89	9	BX572507	BX572507 Arabidops
245	12	17.9	89	9	BX654832	BX654832 Arabidops
c 246	12	17.9	89	9	BX895901	BX895901 Arabidops
c 247	12	17.9	89	9	CC793662	CC793662 SALK_0171
c 248	12	17.9	89	9	CC886334	CC886334 SALK_1484
249	12	17.9	90	1	AU254280	AU254280 AU254280
250	12	17.9	90	8	BH614718	BH614718 7k11 LL18
c 251	12	17.9	90	8	BZ660533	BZ660533 SALK_0239
252	12	17.9	90	9	CC796457	CC796457 SALK_1318
253	12	17.9	90	9	CG481239	CG481239 OST13562
254	12	17.9	91	1	AA853131	AA853131 NHTBCae03
255	12	17.9	91	1	AJ397238	AJ397238 AJ397238
c 256	12	17.9	91	1	AV960535	AV960535 AV960535
257	12	17.9	91	5	BQ382501	BQ382501 kk51e02.y
258	12	17.9	91	5	BQ475033	BQ475033 carabus2f
259	12	17.9	91	9	CR356454	CR356454 Arabidops
c 260	12	17.9	91	9	CG474293	CG474293 OST2219 M
c 261	12	17.9	91	9	CG483027	CG483027 OST16418
c 262	12	17.9	91	9	CG487300	CG487300 OST22762
c 263	12	17.9	91	9	CG488736	CG488736 OST24771
c 264	12	17.9	92	1	AA853130	AA853130 NHTBCae03
c 265	12	17.9	92	1	AI680319	AI680319 tw62d06.x
266	12	17.9	92	1	AJ301305	AJ301305 AJ301305
c 267	12	17.9	92	4	BG108835	BG108835 HRPE1166
268	12	17.9	92	4	BG151761	BG151761 nag64b04.
c 269	12	17.9	92	6	CB218737	CB218737 NISC_nb10
c 270	12	17.9	93	1	AA947462	AA947462 ok20f05.s
c 271	12	17.9	93	6	CA803817	CA803817 ESG0110d.
c 272	12	17.9	93	9	BX960103	BX960103 Forward s
c 273	12	17.9	94	2	AW244046	AW244046 xa50c03.x
c 274	12	17.9	94	2	AW571924	AW571924 xx41h07.x
275	12	17.9	94	8	AQ810493	AQ810493 5CDG268 C
c 276	12	17.9	94	8	BH910288	BH910288 SALK_0587
c 277	12	17.9	95	1	AA511498	AA511498 vj28a04.r
278	12	17.9	95	2	BF634766	BF634766 NF069F12D
c 279	12	17.9	95	7	CN850462	CN850462 000918AAF
c 280	12	17.9	95	7	CO516070	CO516070 s13dSG64G
281	12	17.9	95	7	CR393858	CR393858 CR393858
c 282	12	17.9	95	7	T17613	T17613 mps v367 Th
283	12	17.9	96	5	BQ442058	BQ442058 Fr 98/99
284	12	17.9	96	6	CB934747	CB934747 laa43f05.
c 285	12	17.9	96	7	CN851194	CN851194 001001AAF
286	12	17.9	96	7	CO582119	CO582119 ILLUMIGEN
c 287	12	17.9	96	7	R84882	R84882 yq27g03.r1
288	12	17.9	96	8	CC457346	CC457346 SALK_1092
289	12	17.9	96	9	CG651262	CG651262 OST411993
c 290	12	17.9	97	1	AI471280	AI471280 tm09d11.x
291	12	17.9	97	8	AZ437638	AZ437638 1M0226J10
292	12	17.9	97	8	BZ378901	BZ378901 SALK_1121
c 293	12	17.9	97	9	BX895902	BX895902 Arabidops
c 294	12	17.9	98	1	AA762980	AA762980 vw58e02.r

c 295	12	17.9	98	1	AA629921	AA629921 ad45f02.s
296	12	17.9	98	2	AW337410	AW337410 xx56d04.x
c 297	12	17.9	98	7	CN850868	CN850868 001001AAF
c 298	12	17.9	98	7	CN852083	CN852083 020812AAF
c 299	12	17.9	98	8	AZ345645	AZ345645 1M0080K19
300	12	17.9	98	9	CR073384	CR073384 Forward s
c 301	12	17.9	99	1	AA771342	AA771342 vm43c07.r
302	12	17.9	99	1	AI707833	AI707833 as25e11.x
303	12	17.9	99	2	BF580578	BF580578 602097387
c 304	12	17.9	99	4	BG236505	BG236505 nai44c09.
305	12	17.9	99	4	BG894372	BG894372 rk51h04.y
306	12	17.9	99	5	BQ089393	BQ089393 ko26a08.y
307	12	17.9	99	6	CB220615	CB220615 1Abo24D05
c 308	12	17.9	99	7	CF350660	CF350660 rl53f07.y
309	12	17.9	99	8	AZ807257	AZ807257 2M0070B01
c 310	12	17.9	99	9	AL769171	AL769171 Arabidops
311	12	17.9	99	9	CL308965	CL308965 03S0472-1
312	12	17.9	100	1	AJ399086	AJ399086 AJ399086
c 313	12	17.9	100	1	AL506210	AL506210 AL506210
314	12	17.9	100	1	AA623836	AA623836 vq69g02.s
315	12	17.9	100	2	BF664362	BF664362 602146021
316	12	17.9	100	2	BE619777	BE619777 601472988
317	12	17.9	100	5	BP427302	BP427302 BP427302
c 318	12	17.9	100	5	BP725247	BP725247 BP725247
319	12	17.9	100	7	CF475037	CF475037 RTWW2_5_G
320	11	16.4	21	1	AU258344	AU258344 AU258344
321	11	16.4	23	9	AJ587964	AJ587964 Arabidops
c 322	11	16.4	24	8	AZ642209	AZ642209 1M0505E12
c 323	11	16.4	24	8	BH864184	BH864184 SALK_0955
324	11	16.4	25	6	C00789	C00789 HUMGS000262
325	11	16.4	25	8	AZ345473	AZ345473 1M0080P08
c 326	11	16.4	27	6	C00742	C00742 HUMGS000830
327	11	16.4	27	6	C01445	C01445 HUMGS000843
328	11	16.4	27	6	CD576920	CD576920 21_B03_21
c 329	11	16.4	27	8	AZ949222	AZ949222 2M0212A12
c 330	11	16.4	27	8	AZ970619	AZ970619 2M0243M18
331	11	16.4	29	8	BZ664363	BZ664363 SALK_0706
c 332	11	16.4	29	9	CG711811	CG711811 1119022H0
333	11	16.4	30	9	AJ587107	AJ587107 Arabidops
c 334	11	16.4	32	8	AZ581933	AZ581933 1M0374F11
335	11	16.4	33	1	AU254805	AU254805 AU254805
c 336	11	16.4	33	8	BH863245	BH863245 SALK_0934
337	11	16.4	34	1	AA972865	AA972865 op20g03.s
c 338	11	16.4	34	8	AZ769368	AZ769368 1M0569022
c 339	11	16.4	34	8	BH791084	BH791084 SALK_0587
c 340	11	16.4	34	9	CC795019	CC795019 SALK_0613
c 341	11	16.4	35	8	AZ655091	AZ655091 1M0529D21
c 342	11	16.4	36	9	AG193844	AG193844 Pan trogl
343	11	16.4	37	1	AU258666	AU258666 AU258666
c 344	11	16.4	39	1	AV833438	AV833438 AV833438
345	11	16.4	39	9	AL948203	AL948203 Arabidops
c 346	11	16.4	39	9	CR360589	CR360589 Arabidops
347	11	16.4	40	8	BZ588133	BZ588133 3590_1_5
348	11	16.4	41	8	AZ310071	AZ310071 1M0018G17
349	11	16.4	41	8	AZ588779	AZ588779 1M0397P15
350	11	16.4	41	9	BX654187	BX654187 Arabidops
c 351	11	16.4	41	9	CG778199	CG778199 1123026G0

352	11	16.4	42	6	C21085	C21085 HUMGS000260
353	11	16.4	42	8	BZ664437	BZ664437 SALK_0712
354	11	16.4	42	9	CC795164	CC795164 SALK_0711
355	11	16.4	42	9	CC885717	CC885717 SALK_1477
c 356	11	16.4	43	9	TA313D07Q	AL490235 <i>T. brucei</i>
357	11	16.4	44	8	BH906436	BH906436 SALK_1099
358	11	16.4	45	8	BZ763082	BZ763082 SALK_1119
359	11	16.4	45	9	AJ588786	AJ588786 <i>Arabidops</i>
360	11	16.4	46	1	AU255065	AU255065 AU255065
c 361	11	16.4	46	8	BH901189	BH901189 SALK_0735
362	11	16.4	47	1	AU255595	AU255595 AU255595
363	11	16.4	47	9	BX652094	BX652094 <i>Arabidops</i>
364	11	16.4	49	1	AA699360	AA699360 zi33a06.s
c 365	11	16.4	49	1	AI279722	AI279722 ql53g01.x
366	11	16.4	49	1	AU258981	AU258981 AU258981
367	11	16.4	49	8	BH621371	BH621371 1007120E0
c 368	11	16.4	49	8	BH790230	BH790230 SALK_0566
369	11	16.4	49	9	BX949492	BX949492 <i>Arabidops</i>
370	11	16.4	50	1	AU102849	AU102849 AU102849
c 371	11	16.4	50	1	AU104916	AU104916 AU104916
c 372	11	16.4	50	6	CB219486	CB219486 vaa06e10.
c 373	11	16.4	50	6	CD744647	CD744647 IRB16_G02
374	11	16.4	50	8	AZ510070	AZ510070 1M0354L14
375	11	16.4	50	8	BH230218	BH230218 1006156G0
376	11	16.4	50	8	BH642560	BH642560 1008041G0
377	11	16.4	50	8	BH812244	BH812244 SALK_0614
378	11	16.4	50	8	BH903784	BH903784 SALK_1033
c 379	11	16.4	50	9	CC795807	CC795807 SALK_0883
c 380	11	16.4	51	2	BE978061	BE978061 bs73c08.y
c 381	11	16.4	51	4	BJ064587	BJ064587 BJ064587
c 382	11	16.4	51	8	AZ310570	AZ310570 1M0025P06
383	11	16.4	52	4	BI476972	BI476972 daa87b05.
384	11	16.4	52	7	CN566433	CN566433 taf92e03.
385	11	16.4	52	9	AJ594763	AJ594763 <i>Arabidops</i>
386	11	16.4	52	9	CR091731	CR091731 Forward s
387	11	16.4	53	1	AU256686	AU256686 AU256686
388	11	16.4	53	1	AV856293	AV856293 AV856293
389	11	16.4	53	7	CN922426	CN922426 000410AEL
390	11	16.4	53	7	N63357	N63357 yz34d12.s1
c 391	11	16.4	53	9	CC796853	CC796853 SALK_1441
c 392	11	16.4	54	8	BH632003	BH632003 1007093D1
393	11	16.4	54	8	BH846951	BH846951 SALK_0121
c 394	11	16.4	54	8	BZ381447	BZ381447 SALK_1167
c 395	11	16.4	54	9	AL752555	AL752555 <i>Arabidops</i>
c 396	11	16.4	55	8	BH863820	BH863820 SALK_0946
397	11	16.4	55	8	BH908932	BH908932 SALK_0513
c 398	11	16.4	55	8	BZ596362	BZ596362 SALK_0924
c 399	11	16.4	55	9	DME545268	AJ545268 <i>Drosophil</i>
c 400	11	16.4	55	9	DME547482	AJ547482 <i>Drosophil</i>
401	11	16.4	56	1	AA761128	AA761128 nz11e03.s
c 402	11	16.4	56	4	BG731277	BG731277 dae13a09.
403	11	16.4	56	5	BU441451	BU441451 604143441
c 404	11	16.4	56	7	CF358797	CF358797 rl50h06.y
405	11	16.4	56	8	AZ495431	AZ495431 1M0331C20
c 406	11	16.4	56	8	BH908897	BH908897 SALK_0511
407	11	16.4	56	8	BZ593248	BZ593248 SALK_0682
408	11	16.4	56	8	BZ770420	BZ770420 SALK_1433

C 409	11	16.4	56	9	CR178198	CR178198 Forward s
C 410	11	16.4	57	2	AW059789	AW059789 LE5f05.yg
C 411	11	16.4	57	4	BI745330	BI745330 rk99b01.y
412	11	16.4	57	4	BM873976	BM873976 laa10c06.
413	11	16.4	57	6	CB064615	CB064615 py10c02.y
414	11	16.4	57	7	D18197	D18197 MUSGS00466
415	11	16.4	57	8	BZ356582	BZ356582 SALK_1293
C 416	11	16.4	57	9	BX946193	BX946193 Arabidops
417	11	16.4	57	9	CG732055	CG732055 1119145H1
C 418	11	16.4	58	1	AI276472	AI276472 ql71c10.x
419	11	16.4	58	1	AI907115	AI907115 RC-BT132-
420	11	16.4	58	1	AI941369	AI941369 sc12d01.y
C 421	11	16.4	58	2	AW513497	AW513497 xo46b05.x
C 422	11	16.4	58	4	BI327689	BI327689 602979808
C 423	11	16.4	58	5	BX764213	BX764213 BX764213
424	11	16.4	58	6	CB374637	CB374637 ru62c08.y
C 425	11	16.4	58	8	BH862725	BH862725 SALK_0903
426	11	16.4	59	1	AA590271	AA590271 vm19e07.r
C 427	11	16.4	59	2	AW059752	AW059752 LE3c09.yg
428	11	16.4	59	7	D20637	D20637 HUMGS01612
C 429	11	16.4	59	8	BZ596027	BZ596027 SALK_0906
430	11	16.4	59	9	CR404318	CR404318 Arabidops
C 431	11	16.4	60	1	AI682494	AI682494 wc54a08.x
C 432	11	16.4	60	1	AV773691	AV773691 AV773691
433	11	16.4	60	2	AW248714	AW248714 2820821.3
434	11	16.4	60	8	AZ458010	AZ458010 1M0261K07
C 435	11	16.4	60	8	BH811803	BH811803 SALK_0601
C 436	11	16.4	60	8	BZ355564	BZ355564 SALK_1269
437	11	16.4	60	9	BX895086	BX895086 Arabidops
438	11	16.4	60	9	CR401154	CR401154 Arabidops
439	11	16.4	61	1	AA666998	AA666998 vq87h06.r
C 440	11	16.4	61	1	AA910977	AA910977 ok67c08.s
441	11	16.4	61	1	AI048749	AI048749 ub32a04.r
442	11	16.4	61	1	AI086242	AI086242 ox11g12.s
443	11	16.4	61	1	AI571504	AI571504 tr85a04.x
C 444	11	16.4	61	1	AI829969	AI829969 wj85b06.x
445	11	16.4	61	6	CF050608	CF050608 QCM14h08.
446	11	16.4	61	6	CF054065	CF054065 QCN24e02.
447	11	16.4	61	9	AJ593955	AJ593955 Arabidops
448	11	16.4	61	9	AJ599061	AJ599061 Arabidops
C 449	11	16.4	61	9	BX892788	BX892788 Arabidops
450	11	16.4	62	4	BM130118	BM130118 pb26g11.y
451	11	16.4	62	6	CF043156	CF043156 QCJ13b10.
C 452	11	16.4	62	6	CF328447	CF328447 NACL--03-
453	11	16.4	62	7	D20626	D20626 HUMGS01601
454	11	16.4	62	8	BH790736	BH790736 SALK_0577
C 455	11	16.4	62	8	CC457419	CC457419 SALK_1098
C 456	11	16.4	62	9	AL950057	AL950057 Arabidops
C 457	11	16.4	63	1	AI049919	AI049919 an34e01.x
458	11	16.4	63	5	BQ298903	BQ298903 sao52c12.
C 459	11	16.4	63	5	BX747878	BX747878 BX747878
460	11	16.4	63	8	AZ467351	AZ467351 1M0278K12
C 461	11	16.4	63	8	AZ928780	AZ928780 479.dif18
C 462	11	16.4	63	9	AL938322	AL938322 Arabidops
463	11	16.4	63	9	BX946247	BX946247 Arabidops
464	11	16.4	64	1	AI120363	AI120363 ub67g07.r
465	11	16.4	64	1	AU254404	AU254404 AU254404

C 466	11	16.4	64	2	BF219645	BF219645 SWOvL3CAN
467	11	16.4	64	6	CA330916	CA330916 haa94b04.
C 468	11	16.4	64	6	CF017541	CF017541 QBM25e10.
469	11	16.4	64	8	B01791	B01791 cSRL-140G10
C 470	11	16.4	65	1	AA926667	AA926667 om28d08.s
C 471	11	16.4	65	1	AI148648	AI148648 qc69a09.x
C 472	11	16.4	65	1	AJ242709	AJ242709 qt86b06.x
C 473	11	16.4	65	1	AJ690514	AJ690514 AJ690514
C 474	11	16.4	65	2	AW337290	AW337290 xw83b03.x
C 475	11	16.4	65	4	BI558013	BI558013 603240721
476	11	16.4	65	5	BU698937	BU698937 SA50M22-7
477	11	16.4	65	5	BX748118	BX748118 BX748118
478	11	16.4	65	8	AZ603214	AZ603214 1M0422G23
C 479	11	16.4	65	8	BH850204	BH850204 SALK_0709
480	11	16.4	65	8	BH907128	BH907128 SALK_0383
C 481	11	16.4	65	9	BX150808	BX150808 Danio rer
482	11	16.4	65	9	BX194709	BX194709 Danio rer
483	11	16.4	65	9	BX650409	BX650409 Arabidops
C 484	11	16.4	66	1	AA885769	AA885769 nx23f07.s
C 485	11	16.4	66	1	AI916459	AI916459 tz68h12.x
486	11	16.4	66	2	AW827160	AW827160 xn06d09.y
487	11	16.4	66	7	CN973180	CN973180 20679_19-
488	11	16.4	66	8	BH791582	BH791582 SALK_0606
489	11	16.4	66	9	AL758757	AL758757 Arabidops
C 490	11	16.4	66	9	CG634300	CG634300 OST355118
491	11	16.4	66	9	AG188594	AG188594 Pan trogl
492	11	16.4	67	1	AJ392707	AJ392707 AJ392707
493	11	16.4	67	4	BM187450	BM187450 fw18c09.y
C 494	11	16.4	67	5	BX707598	BX707598 BX707598
495	11	16.4	67	6	CB226273	CB226273 1RT32B07
C 496	11	16.4	67	7	CN577864	CN577864 rf48h12.x
497	11	16.4	67	8	AZ621073	AZ621073 1M0454M06
498	11	16.4	67	8	AZ799452	AZ799452 2M0056N20
499	11	16.4	67	8	BH855508	BH855508 SALK_0850
500	11	16.4	67	9	BX288178	BX288178 Arabidops
C 501	11	16.4	67	9	CG635495	CG635495 OST357964
C 502	11	16.4	68	2	BF507303	BF507303 8184P-9a
503	11	16.4	68	5	BQ794247	BQ794247 EST 3185
C 504	11	16.4	68	8	BH904882	BH904882 SALK_1052
C 505	11	16.4	68	9	BX893736	BX893736 Arabidops
506	11	16.4	68	9	BX949794	BX949794 Arabidops
507	11	16.4	68	9	CR399777	CR399777 Arabidops
508	11	16.4	68	9	DME545070	AJ545070 Drosophil
509	11	16.4	68	9	CG621616	CG621616 OST320203
C 510	11	16.4	69	1	AF211747	AF211747 AF211747
511	11	16.4	69	1	AI320307	AI320307 c3b01nm.r
512	11	16.4	69	1	AI321194	AI321194 d5e08nm.r
513	11	16.4	69	1	AU254426	AU254426 AU254426
514	11	16.4	69	1	AA504014	AA504014 nh39g10.s
515	11	16.4	69	2	AW232376	AW232376 fj18e09.x
516	11	16.4	69	6	CF147514	CF147514 EST DMM02
C 517	11	16.4	69	7	CK621719	CK621719 ml27g09.y
C 518	11	16.4	69	8	BH215268	BH215268 1006026C0
519	11	16.4	69	9	BX943047	BX943047 Arabidops
520	11	16.4	69	9	TA74C08Q	AL458431 T. brucei
C 521	11	16.4	69	9	CG616302	CG616302 OST308283
522	11	16.4	69	9	CG786037	CG786037 CMHD-GT_8

c	523	11	16.4	70	1	AA776219	AA776219 ah10f01.s
c	524	11	16.4	70	1	AJ119766	AJ119766 uc20b12.r
c	525	11	16.4	70	1	AJ709350	AJ709350 AJ709350
	526	11	16.4	70	1	AL632174	AL632174 AL632174
c	527	11	16.4	70	2	AW059886	AW059886 HuTH.bsst
c	528	11	16.4	70	5	BQ133899	BQ133899 san53e12.
	529	11	16.4	70	8	BH850500	BH850500 SALK_0713
	530	11	16.4	70	8	BZ355891	BZ355891 SALK_1276
c	531	11	16.4	70	9	CR041972	CR041972 Forward s
	532	11	16.4	70	9	CR359205	CR359205 Arabidops
	533	11	16.4	70	9	CR359206	CR359206 Arabidops
	534	11	16.4	70	9	CG652089	CG652089 OST414514
c	535	11	16.4	70	9	CG803648	CG803648 1118044F1
c	536	11	16.4	71	2	BF644520	BF644520 NF014E03E
	537	11	16.4	71	5	BQ548164	BQ548164 rd21c03.y
	538	11	16.4	71	6	C02508	C02508 HUMGS001240
c	539	11	16.4	71	6	CF328386	CF328386 NACL--03-
	540	11	16.4	71	8	BH857496	BH857496 SALK_0724
	541	11	16.4	71	8	BZ748819	BZ748819 EY01356-3
	542	11	16.4	71	9	BX656606	BX656606 Arabidops
	543	11	16.4	71	9	DR11B16T	AL734780 Danio rer
	544	11	16.4	71	9	CC886005	CC886005 SALK_1480
	545	11	16.4	72	6	CA394299	CA394299 cs49h07.y
	546	11	16.4	72	6	CB099757	CB099757 py16f02.y
	547	11	16.4	72	6	CB191753	CB191753 py36d02.y
	548	11	16.4	72	8	BZ356980	BZ356980 SALK_1300
	549	11	16.4	72	9	AL768503	AL768503 Arabidops
c	550	11	16.4	72	9	BX534001	BX534001 Arabidops
c	551	11	16.4	72	9	CC794540	CC794540 SALK_0509
	552	11	16.4	72	9	CC884562	CC884562 SALK_1138
	553	11	16.4	72	9	CG656339	CG656339 OST428636
	554	11	16.4	73	1	AA928788	AA928788 on98f01.s
	555	11	16.4	73	1	AL780490	AL780490 AL780490
c	556	11	16.4	73	6	CA995995	CA995995 rg09a03.y
c	557	11	16.4	73	8	BH865567	BH865567 SALK_0989
c	558	11	16.4	73	8	BH910588	BH910588 SALK_0604
c	559	11	16.4	73	8	BZ770736	BZ770736 SALK_1436
c	560	11	16.4	73	9	CG563345	CG563345 OST186546
c	561	11	16.4	73	9	CG583342	CG583342 OST225361
c	562	11	16.4	73	9	CG634529	CG634529 OST355690
	563	11	16.4	73	9	AG203078	AG203078 Pan trogl
	564	11	16.4	74	1	AL678687	AL678687 AL678687
c	565	11	16.4	74	6	CB277597	CB277597 ks37e08.y
	566	11	16.4	74	6	CD011777	CD011777 VVB021D05
c	567	11	16.4	74	8	AZ812538	AZ812538 2M0079G18
	568	11	16.4	74	9	CG508697	CG508697 OST59413
	569	11	16.4	75	1	AL779972	AL779972 AL779972
	570	11	16.4	75	1	AU258600	AU258600 AU258600
c	571	11	16.4	75	2	BF641409	BF641409 NF062D07I
	572	11	16.4	75	2	AW689427	AW689427 NF019B03S
	573	11	16.4	75	4	BI437024	BI437024 gb93e08.y
	574	11	16.4	75	6	C21058	C21058 HUMGS000256
	575	11	16.4	75	6	CB916756	CB916756 VVD113G06
	576	11	16.4	75	7	D20611	D20611 HUMGS01586
	577	11	16.4	75	8	BH909519	BH909519 SALK_0542
c	578	11	16.4	75	8	BZ353139	BZ353139 SALK_1198
	579	11	16.4	75	9	CR404319	CR404319 Arabidops

580	11	16.4	75	9	PCH303663	AJ303663 Plasmodiu
581	11	16.4	76	1	AA869338	AA869338 vq50g11.r
c 582	11	16.4	76	1	AA887317	AA887317 oj40f07.s
c 583	11	16.4	76	4	BG939570	BG939570 cr57h02.x
584	11	16.4	76	5	BQ096104	BQ096104 kk14d10.y
585	11	16.4	76	6	CB262743	CB262743 49-E8977-
c 586	11	16.4	76	7	CN755192	CN755192 ID0AAA15A
c 587	11	16.4	76	8	BH791176	BH791176 SALK_0588
c 588	11	16.4	76	8	BH857840	BH857840 SALK_0874
c 589	11	16.4	76	8	BH857846	BH857846 SALK_0874
590	11	16.4	76	8	BH863441	BH863441 SALK_0938
591	11	16.4	76	8	CC060298	CC060298 EY04031-3
592	11	16.4	76	9	AL940453	AL940453 Arabidops
593	11	16.4	76	9	CC796851	CC796851 SALK_1441
c 594	11	16.4	76	9	CG506182	CG506182 OST55565
c 595	11	16.4	77	1	AI628528	AI628528 ty95a12.x
596	11	16.4	77	1	AI924463	AI924463 wn56d09.x
597	11	16.4	77	1	AL784455	AL784455 AL784455
c 598	11	16.4	77	4	BG059074	BG059074 nah44e11.
599	11	16.4	77	4	BI493760	BI493760 df105c05.
600	11	16.4	77	8	AZ483071	AZ483071 1M0308F05
c 601	11	16.4	77	9	CR066626	CR066626 Forward s
c 602	11	16.4	77	9	TA290H04P	AL487976 T. brucei
603	11	16.4	77	9	CG614126	CG614126 OST302103
604	11	16.4	77	9	CL002207	CL002207 02S0069-0
c 605	11	16.4	78	4	BI965985	BI965985 ie71b09.x
c 606	11	16.4	78	4	BI965992	BI965992 ie71d03.x
607	11	16.4	78	5	BQ852672	BQ852672 QGB18K16.
608	11	16.4	78	5	BQ854518	BQ854518 QGB23H19.
609	11	16.4	78	5	BU095033	BU095033 rf61e02.y
c 610	11	16.4	78	8	AZ495859	AZ495859 1M0331P23
611	11	16.4	78	8	AZ765884	AZ765884 1M0563M04
c 612	11	16.4	78	8	AZ769946	AZ769946 1M0571C10
c 613	11	16.4	78	8	BH638052	BH638052 1008020B0
c 614	11	16.4	78	8	BZ379141	BZ379141 SALK_1129
c 615	11	16.4	78	9	AL945229	AL945229 Arabidops
616	11	16.4	78	9	BX662239	BX662239 Arabidops
c 617	11	16.4	78	9	CR360588	CR360588 Arabidops
618	11	16.4	78	9	CC886006	CC886006 SALK_1480
619	11	16.4	78	9	CG607509	CG607509 OST286472
620	11	16.4	78	9	CG669326	CG669326 OST466160
c 621	11	16.4	79	1	AI720820	AI720820 as67b04.x
622	11	16.4	79	2	AW311411	AW311411 sg38h01.y
c 623	11	16.4	79	5	BM965630	BM965630 ko14g05.y
c 624	11	16.4	79	6	CD346390	CD346390 EtESTef01
625	11	16.4	79	8	AZ345547	AZ345547 1M0080C18
626	11	16.4	79	8	BH901140	BH901140 SALK_0732
c 627	11	16.4	79	9	AL752753	AL752753 Arabidops
c 628	11	16.4	79	9	CR357113	CR357113 Arabidops
c 629	11	16.4	79	9	CC798568	CC798568 SALK_1465
630	11	16.4	79	9	CG496155	CG496155 OST36017
631	11	16.4	80	1	AB008341	AB008341 AB008341
632	11	16.4	80	1	AI181265	AI181265 ub94c01.r
633	11	16.4	80	1	AL785467	AL785467 AL785467
634	11	16.4	80	1	AL801397	AL801397 AL801397
635	11	16.4	80	6	C00612	C00612 HUMGS000815
636	11	16.4	80	6	CB258950	CB258950 52-E01180

c	637	11	16.4	80	7	CF982420	CF982420 maj83c09.
	638	11	16.4	80	7	CN922837	CN922837 000411AEL
c	639	11	16.4	80	7	CR575862	CR575862 CR575862
	640	11	16.4	80	8	AZ595067	AZ595067 1M0407M23
	641	11	16.4	80	8	AZ771588	AZ771588 1M0574G06
	642	11	16.4	80	8	BH757509	BH757509 SALK_0563
c	643	11	16.4	80	9	CG494746	CG494746 OST33787
	644	11	16.4	80	9	CL523831	CL523831 DAL5E11 F
	645	11	16.4	81	5	BU002516	BU002516 QGG31J08.
c	646	11	16.4	81	6	CB190881	CB190881 py37b08.y
	647	11	16.4	81	6	CD394440	CD394440 Gm_ck1414
c	648	11	16.4	81	6	CD967729	CD967729 SEY_111 G
c	649	11	16.4	81	7	CN564009	CN564009 taf95g06.
c	650	11	16.4	81	8	BH222332	BH222332 1006106F0
	651	11	16.4	81	8	BH638824	BH638824 1008025B1
c	652	11	16.4	81	8	BH846321	BH846321 SALK_0072
c	653	11	16.4	81	8	CC047268	CC047268 3591_1_19
c	654	11	16.4	81	9	AL768885	AL768885 Arabidops
	655	11	16.4	81	9	CC476374	CC476374 CH240_302
	656	11	16.4	82	1	AA707036	AA707036 zj32c06.s
	657	11	16.4	82	1	AI066811	AI066811 MUHO 03 d
	658	11	16.4	82	1	AA265579	AA265579 mu66g08.r
c	659	11	16.4	82	1	AA449271	AA449271 zx04f12.s
	660	11	16.4	82	1	AA624315	AA624315 vm99f09.r
c	661	11	16.4	82	2	AW169479	AW169479 xj28h03.x
	662	11	16.4	82	2	BF101686	BF101686 601753418
	663	11	16.4	82	4	BI665639	BI665639 603289629
c	664	11	16.4	82	7	CN760416	CN760416 ID0AAA28B
	665	11	16.4	82	8	BZ595257	BZ595257 SALK_0863
	666	11	16.4	82	9	AL765858	AL765858 Arabidops
	667	11	16.4	82	9	CR193671	CR193671 Reverse s
	668	11	16.4	82	9	CL528826	CL528826 HIV60G05.
c	669	11	16.4	83	1	AA861990	AA861990 oi45g05.s
c	670	11	16.4	83	1	AI860292	AI860292 wl01c11.x
	671	11	16.4	83	1	AJ653079	AJ653079 AJ653079
	672	11	16.4	83	4	BI971808	BI971808 sag98g03.
c	673	11	16.4	83	4	BM502112	BM502112 ii33e02.x
	674	11	16.4	83	6	CD008399	CD008399 VVB074E07
	675	11	16.4	83	8	BZ358061	BZ358061 SALK_1318
c	676	11	16.4	83	9	AJ589220	AJ589220 Arabidops
c	677	11	16.4	84	1	AA665655	AA665655 ag69a08.s
c	678	11	16.4	84	1	AI080347	AI080347 ox80e07.s
	679	11	16.4	84	6	CD576908	CD576908 47(2)W-18
	680	11	16.4	84	8	AZ492519	AZ492519 1M0326L09
c	681	11	16.4	84	8	AZ595977	AZ595977 1M0408O22
c	682	11	16.4	84	8	BH851225	BH851225 SALK_0726
	683	11	16.4	84	8	BH862489	BH862489 SALK_0900
	684	11	16.4	84	8	BZ356592	BZ356592 SALK_1293
c	685	11	16.4	84	8	BZ664346	BZ664346 SALK_0702
c	686	11	16.4	84	8	CC035978	CC035978 3591_1_77
	687	11	16.4	84	9	AL943342	AL943342 Arabidops
	688	11	16.4	84	9	CR244446	CR244446 Forward s
	689	11	16.4	85	1	AA876992	AA876992 ny49f05.s
c	690	11	16.4	85	1	AI086378	AI086378 oz44c01.x
c	691	11	16.4	85	1	AI890005	AI890005 wm80d09.x
c	692	11	16.4	85	4	BM128441	BM128441 if14g02.x
	693	11	16.4	85	4	BM155955	BM155955 fw42e03.y

c	694	11	16.4	85	6	CB064424	CB064424 py08a05.y
c	695	11	16.4	85	6	CB222407	CB222407 1IL27E06
c	696	11	16.4	85	6	CB857929	CB857929 NISC_nail
697	11	16.4	85	6	CD856371	CD856371 DH0AFF28Z	
c	698	11	16.4	85	7	CN861446	CN861446 001012AAG
699	11	16.4	85	8	AQ025856	AQ025856 1(2)k0811	
700	11	16.4	85	8	BH862479	BH862479 SALK_0899	
c	701	11	16.4	85	8	BH863436	BH863436 SALK_0938
702	11	16.4	85	8	BH866405	BH866405 SALK_1012	
c	703	11	16.4	85	8	BH906071	BH906071 SALK_1091
704	11	16.4	85	8	CC457762	CC457762 SALK_1121	
705	11	16.4	85	9	CG585372	CG585372 OST232721	
c	706	11	16.4	85	9	CG647336	CG647336 OST395662
c	707	11	16.4	86	1	AI983015	AI983015 wt46g10.x
c	708	11	16.4	86	2	BE508362	BE508362 dc11b12.x
709	11	16.4	86	4	BI704910	BI704910 fr59d01.y	
710	11	16.4	86	5	BQ456779	BQ456779 ke42h12.y	
c	711	11	16.4	86	6	CD950710	CD950710 SAS_110 G
712	11	16.4	86	7	CK116186	CK116186 Y021D02 P	
c	713	11	16.4	86	7	R89806	R89806 yp91c10.s1
714	11	16.4	86	8	BH862483	BH862483 SALK_0900	
715	11	16.4	86	9	CR396171	CR396171 Arabidops	
716	11	16.4	86	9	CL520509	CL520509 SAK2E03 F	
c	717	11	16.4	87	1	AA873258	AA873258 oh78h03.s
c	718	11	16.4	87	1	AI695348	AI695348 wa23e09.x
719	11	16.4	87	1	AI953722	AI953722 wq47e12.x	
c	720	11	16.4	87	1	AA231789	AA231789 RZ500.R c
721	11	16.4	87	1	AV530539	AV530539 AV530539	
722	11	16.4	87	1	AA546841	AA546841 vk67b02.s	
723	11	16.4	87	5	BP061067	BP061067 BP061067	
c	724	11	16.4	87	5	BX682659	BX682659 BX682659
c	725	11	16.4	87	8	AZ466245	AZ466245 1M0276L14
c	726	11	16.4	87	8	BH908281	BH908281 SALK_0469
727	11	16.4	87	9	AJ589004	AJ589004 Arabidops	
728	11	16.4	87	9	BX289855	BX289855 Arabidops	
c	729	11	16.4	87	9	CR005150	CR005150 Reverse s
c	730	11	16.4	87	9	CG569390	CG569390 OST197428
731	11	16.4	87	9	CG660414	CG660414 OST440072	
732	11	16.4	88	1	AA745440	AA745440 ny56d07.s	
733	11	16.4	88	1	AI506874	AI506874 v156c06.x	
c	734	11	16.4	88	1	AI702329	AI702329 tz37h05.x
c	735	11	16.4	88	1	AI953694	AI953694 wq47c06.x
c	736	11	16.4	88	1	AV770200	AV770200 AV770200
737	11	16.4	88	2	BE507052	BE507052 db67c10.y	
738	11	16.4	88	2	BE507057	BE507057 db67d09.y	
739	11	16.4	88	4	BI1816291	BI1816291 PfESToaa3	
740	11	16.4	88	5	BQ565989	BQ565989 gi49a04.y	
c	741	11	16.4	88	6	CB297387	CB297387 12B22037_
c	742	11	16.4	88	7	CF356324	CF356324 maj54g11.
743	11	16.4	88	7	CK109525	CK109525 N017H07 P	
c	744	11	16.4	88	8	AZ775101	AZ775101 2M0007C11
745	11	16.4	88	8	BH746704	BH746704 SALK_0001	
746	11	16.4	88	9	BX535922	BX535922 Arabidops	
747	11	16.4	88	9	CR396173	CR396173 Arabidops	
c	748	11	16.4	88	9	CG493163	CG493163 OST31339
749	11	16.4	88	9	CG510101	CG510101 OST61651	
750	11	16.4	88	9	CG635429	CG635429 OST357678	

751	11	16.4	88	9	AG245255	AG245255 Lotus cor
752	11	16.4	89	1	AI184856	AI184856 qd40h06.x
c 753	11	16.4	89	1	AI288183	AI288183 ql85c12.x
c 754	11	16.4	89	1	AI580821	AI580821 ta11b08.x
c 755	11	16.4	89	1	AI620558	AI620558 tu95c08.x
c 756	11	16.4	89	1	AI805684	AI805684 tx15f11.x
757	11	16.4	89	1	AA591385	AA591385 vi66c06.r
758	11	16.4	89	4	BG970186	BG970186 602839355
759	11	16.4	89	4	BM893935	BM893935 ij32g02.x
c 760	11	16.4	89	5	BU897914	BU897914 X071G10 P
761	11	16.4	89	6	CF046515	CF046515 QCK26f10.
762	11	16.4	89	8	AZ655494	AZ655494 1M0530E19
763	11	16.4	89	8	BH797027	BH797027 1008086E0
c 764	11	16.4	89	8	BH850450	BH850450 SALK_0712
c 765	11	16.4	89	9	BX652092	BX652092 Arabidops
c 766	11	16.4	89	9	CR358361	CR358361 Arabidops
767	11	16.4	89	9	CR405652	CR405652 Arabidops
c 768	11	16.4	89	9	CG483941	CG483941 OST17724
769	11	16.4	89	9	CG541065	CG541065 OST133861
770	11	16.4	90	1	AA864088	AA864088 vx88g07.r
c 771	11	16.4	90	1	AI129482	AI129482 qc48f04.x
c 772	11	16.4	90	1	AI539260	AI539260 tp64d08.x
c 773	11	16.4	90	1	AV773855	AV773855 AV773855
c 774	11	16.4	90	4	BJ053689	BJ053689 BJ053689
c 775	11	16.4	90	5	BX694075	BX694075 BX694075
c 776	11	16.4	90	6	C81647	C81647 C81647 Citr
777	11	16.4	90	7	CF381961	CF381961 lab95b05.
c 778	11	16.4	90	8	BH406054	BH406054 RPCI-23-2
779	11	16.4	90	8	BZ377884	BZ377884 SALK_1063
780	11	16.4	90	8	BZ383043	BZ383043 SALK_1193
781	11	16.4	90	9	AL940467	AL940467 Arabidops
c 782	11	16.4	90	9	CR356887	CR356887 Arabidops
c 783	11	16.4	90	9	CC579120	CC579120 CH240_458
c 784	11	16.4	90	9	CG561159	CG561159 OST182457
785	11	16.4	90	9	CG625757	CG625757 OST332580
c 786	11	16.4	91	1	AA065987	AA065987 ml52c09.r
c 787	11	16.4	91	1	AI086512	AI086512 oz60c08.x
788	11	16.4	91	1	AI204785	AI204785 ZF-EST104
789	11	16.4	91	1	AJ795865	AJ795865 AJ795865
c 790	11	16.4	91	1	AA159431	AA159431 zo78e02.r
c 791	11	16.4	91	2	AW278228	AW278228 sf41d03.y
c 792	11	16.4	91	2	BE057279	BE057279 sm99h11.y
c 793	11	16.4	91	4	BI700058	BI700058 sag59d07.
c 794	11	16.4	91	5	BX252403	BX252403 BX252403
795	11	16.4	91	7	CK108699	CK108699 I061P18 P
c 796	11	16.4	91	7	T96074	T96074 ye47a12.s1
797	11	16.4	91	8	BH754088	BH754088 SALK_0366
c 798	11	16.4	91	8	BH857491	BH857491 SALK_0725
799	11	16.4	91	9	CNS03BVX	AL237030 Tetraodon
c 800	11	16.4	91	9	CR175658	CR175658 Forward s
c 801	11	16.4	91	9	CG593073	CG593073 OST249887
c 802	11	16.4	92	1	AA682396	AA682396 zj86c10.s
803	11	16.4	92	1	AA713605	AA713605 nv70g01.s
804	11	16.4	92	1	AA197766	AA197766 mv03g05.r
c 805	11	16.4	92	1	AL847426	AL847426 AL847426
806	11	16.4	92	6	CB918324	CB918324 VVD031E06
807	11	16.4	92	7	CN562014	CN562014 tag27b04.

808	11	16.4	92	7	D86808	D86808	D86808	Rat
809	11	16.4	92	8	BH755835	BH755835	SALK_0522	
c 810	11	16.4	92	8	BH809835	BH809835	SALK_0062	
c 811	11	16.4	92	8	BH847318	BH847318	SALK_0523	
812	11	16.4	92	9	CG509894	CG509894	OST61318	
813	11	16.4	92	9	CG641474	CG641474	OST376377	
c 814	11	16.4	92	9	CG715618	CG715618	1119042F0	
c 815	11	16.4	92	9	AG194421	AG194421	Pan trogl	
816	11	16.4	93	1	AI204798	AI204798	ZF-EST118	
c 817	11	16.4	93	1	AA125775	AA125775	z192h09.s	
c 818	11	16.4	93	1	AI612177	AI612177	AEMTBC37	
c 819	11	16.4	93	1	AI991747	AI991747	wt48d09.x	
c 820	11	16.4	93	1	AA281609	AA281609	zt03a08.s	
c 821	11	16.4	93	2	AW073030	AW073030	xa61f04.x	
822	11	16.4	93	2	AW246479	AW246479	2821875.3	
c 823	11	16.4	93	4	BJ016101	BJ016101	BJ016101	
c 824	11	16.4	93	5	BX741929	BX741929	BX741929	
825	11	16.4	93	7	T41311	T41311	ph1h8_19/1T	
c 826	11	16.4	93	8	AZ307387	AZ307387	1M0008022	
c 827	11	16.4	93	8	AZ309541	AZ309541	1M0013003	
828	11	16.4	93	9	BX662735	BX662735	Arabidops	
c 829	11	16.4	93	9	CR222230	CR222230	Forward s	
830	11	16.4	93	9	CR237517	CR237517	Forward s	
831	11	16.4	93	9	CG593996	CG593996	OST251680	
c 832	11	16.4	94	1	AI204838	AI204838	ZF-EST158	
c 833	11	16.4	94	1	AI864837	AI864837	wk02g10.x	
c 834	11	16.4	94	4	BG271548	BG271548	nai58h01.	
835	11	16.4	94	4	BM128672	BM128672	if14g02.y	
836	11	16.4	94	5	BX253660	BX253660	BX253660	
c 837	11	16.4	94	8	AZ537490	AZ537490	AST-2P127	
838	11	16.4	94	8	BH809955	BH809955	SALK_0368	
839	11	16.4	94	9	AL755512	AL755512	Arabidops	
840	11	16.4	95	1	AI097969	AI097969	vg82a07.r	
841	11	16.4	95	1	AI335506	AI335506	tb66g11.x	
c 842	11	16.4	95	1	AI994190	AI994190	701500134	
843	11	16.4	95	1	AU256462	AU256462	AU256462	
c 844	11	16.4	95	1	AU258308	AU258308	AU258308	
c 845	11	16.4	95	5	BQ548161	BQ548161	rd21b12.y	
c 846	11	16.4	95	5	BU885124	BU885124	R021A05 P	
847	11	16.4	95	6	CD400209	CD400209	Gm_ck2199	
848	11	16.4	95	6	CD576904	CD576904	26_G02_26	
849	11	16.4	95	6	CD576905	CD576905	CD576905 47(2)W-6	
c 850	11	16.4	95	7	CN445097	CN445097	Mdfw2002a	
c 851	11	16.4	95	8	CC180016	CC180016	SALK_0752	
c 852	11	16.4	95	8	CC457312	CC457312	SALK_1090	
853	11	16.4	95	9	CR167268	CR167268	Reverse s	
c 854	11	16.4	95	9	CR398223	CR398223	Arabidops	
855	11	16.4	95	9	CG492821	CG492821	OST30812	
856	11	16.4	95	9	CG979981	CG979981	CH240_172	
857	11	16.4	96	1	AA980684	AA980684	ua44d02.r	
c 858	11	16.4	96	1	AI288076	AI288076	qv70d03.x	
c 859	11	16.4	96	1	AI365056	AI365056	qt12b12.x	
c 860	11	16.4	96	1	AU014553	AU014553	AU014553	
c 861	11	16.4	96	2	AW662338	AW662338	hi25a08.x	
862	11	16.4	96	4	BI966140	BI966140	ie71b09.y	
863	11	16.4	96	4	BI966152	BI966152	ie71d03.y	
c 864	11	16.4	96	6	CB224520	CB224520	1OM22B07	

865	11	16.4	96	6	CF042365	CF042365 QCI38a09.
866	11	16.4	96	7	CF369424	CF369424 rg59f05.y
c 867	11	16.4	96	8	AZ596577	AZ596577 1M0409L21
c 868	11	16.4	96	8	AZ788596	AZ788596 2M0035A23
c 869	11	16.4	96	9	AJ598090	AJ598090 Arabidops
870	11	16.4	96	9	AL751797	AL751797 Arabidops
c 871	11	16.4	96	9	BX288705	BX288705 Arabidops
c 872	11	16.4	96	9	CR151103	CR151103 Forward s
873	11	16.4	96	9	CG509874	CG509874 OST61294
874	11	16.4	97	1	AA062522	AA062522 ml65g11.r
c 875	11	16.4	97	1	AA906392	AA906392 oj99c06.s
c 876	11	16.4	97	1	AI077701	AI077701 oy59f04.x
877	11	16.4	97	1	AV775818	AV775818 AV775818
c 878	11	16.4	97	8	BH413137	BH413137 1007030G1
c 879	11	16.4	97	8	BH910232	BH910232 SALK_0585
880	11	16.4	97	9	AJ600985	AJ600985 Arabidops
c 881	11	16.4	97	9	AL757856	AL757856 Arabidops
c 882	11	16.4	97	9	BX652091	BX652091 Arabidops
c 883	11	16.4	97	9	BX943457	BX943457 Arabidops
884	11	16.4	97	9	CG514568	CG514568 OST68410
885	11	16.4	97	9	AG188403	AG188403 Pan trogl
c 886	11	16.4	97	9	AG216406	AG216406 Drosophil
c 887	11	16.4	98	2	AW273386	AW273386 xr38f05.x
c 888	11	16.4	98	2	AW278544	AW278544 sf45h02.y
889	11	16.4	98	2	AW888330	AW888330 E10 Rat d
c 890	11	16.4	98	4	BM425371	BM425371 IpSpn0164
891	11	16.4	98	4	BM873967	BM873967 laa10a08.
892	11	16.4	98	6	CD946880	CD946880 REU_36 Ge
893	11	16.4	98	7	CR583602	CR583602 CR583602
c 894	11	16.4	98	7	CR583602	CR583602 CR583602
c 895	11	16.4	98	7	H61468	H61468 yr17d01.s1
896	11	16.4	98	8	BZ353381	BZ353381 SALK_1202
897	11	16.4	98	8	BZ358635	BZ358635 SALK_1330
898	11	16.4	98	8	BZ581637	BZ581637 3590_1_26
899	11	16.4	98	9	CG542570	CG542570 OST137266
c 900	11	16.4	98	9	CG634277	CG634277 OST355063
c 901	11	16.4	99	1	AA843753	AA843753 aj18b03.s
c 902	11	16.4	99	1	AA905160	AA905160 ok06a09.s
c 903	11	16.4	99	1	AI696433	AI696433 tw61d05.x
904	11	16.4	99	1	AL968106	AL968106 AL968106
c 905	11	16.4	99	1	AU006866	AU006866 AU006866
906	11	16.4	99	1	AU173687	AU173687 AU173687
c 907	11	16.4	99	2	AW466347	AW466347 bbc1g3b54
908	11	16.4	99	8	AZ482056	AZ482056 1M0306J19
909	11	16.4	99	8	AZ785480	AZ785480 2M0029F21
910	11	16.4	99	9	AL768313	AL768313 Arabidops
c 911	11	16.4	99	9	AL770229	AL770229 Arabidops
c 912	11	16.4	99	9	CC795075	CC795075 SALK_0685
c 913	11	16.4	99	9	CG550260	CG550260 OST155799
c 914	11	16.4	100	1	AJ237014	AJ237014 AJ237014
915	11	16.4	100	1	AA212286	AA212286 mu80e10.r
c 916	11	16.4	100	1	AL931017	AL931017 AL931017
c 917	11	16.4	100	1	AL931714	AL931714 AL931714
c 918	11	16.4	100	1	AT006416	AT006416 AT006416
919	11	16.4	100	1	AA247654	AA247654 csh0112.s
920	11	16.4	100	1	AV674726	AV674726 AV674726
c 921	11	16.4	100	1	AV780636	AV780636 AV780636

c	922	11	16.4	100	1	AA333721	AA333721 EST37838
c	923	11	16.4	100	2	BF945768	BF945768 CM1-NN021
c	924	11	16.4	100	2	BB527127	BB527127 BB527127
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	926	11	16.4	100	2	BF122920	BF122920 601761878
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	928	11	16.4	100	4	BI538415	BI538415 428999 MA
	929	11	16.4	100	5	BQ666372	BQ666372 pb40f02.y
	930	11	16.4	100	5	BQ847154	BQ847154 QGA21F11.
	931	11	16.4	100	5	BQ977763	BQ977763 QHI2P10.y
	932	11	16.4	100	5	BQ978829	BQ978829 QHI6G08.y
	933	11	16.4	100	5	BQ978943	BQ978943 QHI6L16.y
c	934	11	16.4	100	5	BU032660	BU032660 QHJ21N11.
c	935	11	16.4	100	5	BW144756	BW144756 BW144756
c	936	11	16.4	100	6	CA294437	CA294437 SCSGLV101
	937	11	16.4	100	6	CA915906	CA915906 PCS01534X
c	938	11	16.4	100	6	CB872148	CB872148 HC06N06y
c	939	11	16.4	100	6	CB931705	CB931705 ri62b03.y
c	940	11	16.4	100	6	CD744106	CD744106 IRB17_E04
	941	11	16.4	100	6	CD980768	CD980768 QAI16d06.
	942	11	16.4	100	7	CK802181	CK802181 NF40f01f4
c	943	11	16.4	100	7	CK916381	CK916381 p3fmfcf_0
c	944	11	16.4	100	8	BZ384308	BZ384308 SALK_1353
c	945	11	16.4	100	9	AL767185	AL767185 Arabidops
	946	11	16.4	100	9	CG635413	CG635413 OST357616
	947	10	14.9	14	9	AJ592812	AJ592812 Arabidops
	948	10	14.9	16	9	CL437056	CL437056 PST440-1.
	949	10	14.9	18	9	AJ600906	AJ600906 Arabidops
	950	10	14.9	19	1	AA937747	AA937747 oj01g06.s
	951	10	14.9	19	6	CF312203	CF312203 ABF--07-M
	952	10	14.9	19	8	AZ345852	AZ345852 1M0080E18
	953	10	14.9	21	9	AJ595129	AJ595129 Arabidops
	954	10	14.9	22	8	AZ445474	AZ445474 1M0241N14
	955	10	14.9	22	9	TA215F02Q	AL479263 T. brucei
	956	10	14.9	23	8	AZ339811	AZ339811 1M0071M19
c	957	10	14.9	23	9	CL680745	CL680745 PRI012b_A
	958	10	14.9	24	2	AW247816	AW247816 2820481.3
c	959	10	14.9	24	9	AG201702	AG201702 Pan trogl
	960	10	14.9	25	6	C21203	C21203 HUMGS000223
c	961	10	14.9	25	6	CF296576	CF296576 30DGS--07
c	962	10	14.9	25	7	CO788114	CO788114 NT003B_C0
	963	10	14.9	25	8	AZ387185	AZ387185 1M0146L20
c	964	10	14.9	25	8	BH840664	BH840664 KG06339-3
	965	10	14.9	25	9	AJ589736	AJ589736 Arabidops
	966	10	14.9	25	9	AJ592439	AJ592439 Arabidops
c	967	10	14.9	26	8	AZ818942	AZ818942 2M0089I15
	968	10	14.9	26	9	CL674117	CL674117 PRI0111b-
	969	10	14.9	27	1	AU260224	AU260224 AU260224
	970	10	14.9	27	8	AZ357559	AZ357559 1M0099L09
	971	10	14.9	28	1	AU257531	AU257531 AU257531
	972	10	14.9	28	5	BX564805	BX564805 BX564805
	973	10	14.9	28	7	D45823	D45823 HUMGS03043
	974	10	14.9	28	8	AZ839856	AZ839856 2M0136I08
	975	10	14.9	29	1	AU254952	AU254952 AU254952
	976	10	14.9	29	6	C20587	C20587 HUMGS000367
c	977	10	14.9	29	7	CO781290	CO781290 BL012A_A0
c	978	10	14.9	29	8	AZ433903	AZ433903 1M0220G03

979	10	14.9	29	8	BH850078	BH850078 SALK_0707
c 980	10	14.9	29	8	BZ358019	BZ358019 SALK_1317
981	10	14.9	30	8	AZ447613	AZ447613 1M0244B23
c 982	10	14.9	30	8	BH792275	BH792275 SALK_0632
c 983	10	14.9	30	8	BH852058	BH852058 SALK_0741
c 984	10	14.9	30	8	BH852064	BH852064 SALK_0741
c 985	10	14.9	30	8	CC456536	CC456536 SALK_0989
c 986	10	14.9	31	1	AI024178	AI024178 ov73f05.s
987	10	14.9	31	1	AU254296	AU254296 AU254296
988	10	14.9	31	1	AU255233	AU255233 AU255233
989	10	14.9	31	8	AZ837501	AZ837501 2M0132M13
c 990	10	14.9	31	8	BH790339	BH790339 SALK_0568
991	10	14.9	31	8	BH854806	BH854806 SALK_0884
992	10	14.9	31	8	BH907736	BH907736 SALK_0439
c 993	10	14.9	31	8	BH909093	BH909093 SALK_0519
994	10	14.9	31	9	AG202095	AG202095 Pan trogl
c 995	10	14.9	32	1	AU266499	AU266499 AU266499
c 996	10	14.9	32	4	BJ082835	BJ082835 BJ082835
c 997	10	14.9	32	9	BX656813	BX656813 Arabidops
998	10	14.9	33	1	AJ790491	AJ790491 AJ790491
c 999	10	14.9	33	5	BX549621	BX549621 BX549621
1000	10	14.9	33	8	BH840694	BH840694 KG06570-5

#### ALIGNMENTS

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:22:02 ; Search time 532.268 Seconds  
(without alignments)  
2665.369 Million cell updates/sec

Title: US-09-463-209D-1\_COPY\_54\_83

Perfect score: 30

Sequence: 1 aggtggaagcatggtacatgtggagctga 30

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 4526729 seqs, 23644849745 residues

Word size : 10

Total number of hits satisfying chosen parameters: 1008

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : GenEmbl:  
1: gb\_ba:  
2: gb\_htg:  
3: gb\_in:  
4: gb\_om:  
5: gb\_ov:  
6: gb\_pat:  
7: gb\_ph:  
8: gb\_pl:  
9: gb\_pr:  
10: gb\_ro:  
11: gb\_sts:  
12: gb\_sy:  
13: gb\_un:  
14: gb\_vi:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query				Description
		Match	Length	DB	ID	
1	30	100.0	79	6	BD080390	BD080390 Nucleic a
2	30	100.0	79	6	BD080391	BD080391 Nucleic a
3	27	90.0	77	6	AR358826	AR358826 Sequence
4	27	90.0	77	6	BD080385	BD080385 Nucleic a

	5	18	60.0	18	6	AX000626	AX000626 Sequence
	6	18	60.0	18	6	BD080378	BD080378 Nucleic a
c	7	13	43.3	23	6	AX777482	AX777482 Sequence
	8	13	43.3	27	6	AX127474	AX127474 Sequence
c	9	13	43.3	37	6	BD264037	BD264037 Nucleic a
	10	13	43.3	42	6	A69770	A69770 Sequence 6
	11	13	43.3	42	6	AX924193	AX924193 Sequence
	12	13	43.3	43	6	A69767	A69767 Sequence 3
	13	13	43.3	43	6	AR209849	AR209849 Sequence
	14	13	43.3	43	6	AX924190	AX924190 Sequence
	15	13	43.3	52	6	AR209852	AR209852 Sequence
c	16	13	43.3	65	6	CQ558273	CQ558273 Sequence
c	17	13	43.3	100	6	AX998972	AX998972 Sequence
c	18	13	43.3	100	6	AX998973	AX998973 Sequence
	19	12	40.0	19	6	BD061257	BD061257 A method
c	20	12	40.0	20	6	AX116038	AX116038 Sequence
c	21	12	40.0	24	6	AX443593	AX443593 Sequence
c	22	12	40.0	25	6	AX447576	AX447576 Sequence
c	23	12	40.0	25	6	AX921545	AX921545 Sequence
c	24	12	40.0	30	6	AX224590	AX224590 Sequence
	25	12	40.0	37	6	AX230238	AX230238 Sequence
c	26	12	40.0	50	6	AR074549	AR074549 Sequence
c	27	12	40.0	50	6	AR157429	AR157429 Sequence
	28	12	40.0	50	6	CQ814008	CQ814008 Sequence
c	29	12	40.0	50	6	AX160060	AX160060 Sequence
c	30	12	40.0	50	6	AX160062	AX160062 Sequence
	31	12	40.0	51	6	CQ004402	CQ004402 Sequence
c	32	12	40.0	51	6	CQ007591	CQ007591 Sequence
c	33	12	40.0	51	6	AX160059	AX160059 Sequence
c	34	12	40.0	51	6	AX160061	AX160061 Sequence
	35	12	40.0	51	6	AX163478	AX163478 Sequence
c	36	12	40.0	51	6	AX165175	AX165175 Sequence
c	37	12	40.0	52	6	AR358963	AR358963 Sequence
	38	12	40.0	52	6	AR358978	AR358978 Sequence
	39	12	40.0	54	6	AR009720	AR009720 Sequence
c	40	12	40.0	60	6	CQ537192	CQ537192 Sequence
c	41	12	40.0	60	6	CQ538945	CQ538945 Sequence
	42	12	40.0	60	6	CQ543650	CQ543650 Sequence
c	43	12	40.0	60	6	CQ551616	CQ551616 Sequence
	44	12	40.0	65	6	CQ530587	CQ530587 Sequence
	45	12	40.0	65	6	CQ531824	CQ531824 Sequence
c	46	12	40.0	65	6	CQ560556	CQ560556 Sequence
c	47	12	40.0	72	6	AR006898	AR006898 Sequence
c	48	12	40.0	72	6	AR110922	AR110922 Sequence
c	49	12	40.0	72	6	I74838	I74838 Sequence 37
c	50	12	40.0	72	6	BD086595	BD086595 Nucleic a
	51	12	40.0	81	6	AX799990	AX799990 Sequence
c	52	12	40.0	95	6	AX927263	AX927263 Sequence
c	53	12	40.0	95	8	AJ718721	AJ718721 Nicotiana
	54	12	40.0	100	6	AX989868	AX989868 Sequence
	55	12	40.0	100	6	AX989869	AX989869 Sequence
	56	12	40.0	100	6	AX999181	AX999181 Sequence
	57	12	40.0	100	6	AX999182	AX999182 Sequence
c	58	11	36.7	14	6	BD176781	BD176781 Method of
	59	11	36.7	17	6	AR034076	AR034076 Sequence
c	60	11	36.7	17	6	AR057796	AR057796 Sequence
c	61	11	36.7	17	6	AR115554	AR115554 Sequence

	62	11	36.7	17	6	AX578962	AX578962 Sequence
	63	11	36.7	17	6	AX579657	AX579657 Sequence
	64	11	36.7	17	6	AX580154	AX580154 Sequence
c	65	11	36.7	17	6	AX634847	AX634847 Sequence
c	66	11	36.7	18	6	AR080885	AR080885 Sequence
	67	11	36.7	18	6	AX838324	AX838324 Sequence
c	68	11	36.7	18	6	BD107651	BD107651 Modified
	69	11	36.7	19	6	AX512405	AX512405 Sequence
	70	11	36.7	20	6	CQ767075	CQ767075 Sequence
c	71	11	36.7	20	6	AR373826	AR373826 Sequence
c	72	11	36.7	20	6	AX293492	AX293492 Sequence
c	73	11	36.7	20	6	AX418823	AX418823 Sequence
	74	11	36.7	20	6	AX476946	AX476946 Sequence
	75	11	36.7	20	6	AX526322	AX526322 Sequence
c	76	11	36.7	21	6	CQ776106	CQ776106 Sequence
c	77	11	36.7	21	6	CQ786184	CQ786184 Sequence
	78	11	36.7	21	6	AR300035	AR300035 Sequence
c	79	11	36.7	21	6	AX418453	AX418453 Sequence
c	80	11	36.7	22	6	CQ814768	CQ814768 Sequence
c	81	11	36.7	22	6	I22559	I22559 Sequence 47
c	82	11	36.7	22	6	I47384	I47384 Sequence 47
c	83	11	36.7	23	6	AR018745	AR018745 Sequence
	84	11	36.7	23	6	AR340147	AR340147 Sequence
	85	11	36.7	23	6	AX057037	AX057037 Sequence
	86	11	36.7	23	6	BD090875	BD090875 Novel pro
	87	11	36.7	23	6	BD101882	BD101882 Novel pro
c	88	11	36.7	24	6	AX288859	AX288859 Sequence
c	89	11	36.7	24	6	AX289359	AX289359 Sequence
	90	11	36.7	25	6	AR174588	AR174588 Sequence
	91	11	36.7	25	6	BD248981	BD248981 Novel cyt
c	92	11	36.7	25	6	AR254067	AR254067 Sequence
	93	11	36.7	25	6	AR374080	AR374080 Sequence
	94	11	36.7	25	6	AR456230	AR456230 Sequence
	95	11	36.7	26	6	A69774	A69774 Sequence 10
c	96	11	36.7	26	6	BD271379	BD271379 Molecular
	97	11	36.7	26	6	AR209842	AR209842 Sequence
c	98	11	36.7	26	6	AX049208	AX049208 Sequence
c	99	11	36.7	26	6	AX049813	AX049813 Sequence
c	100	11	36.7	26	6	AX050811	AX050811 Sequence
c	101	11	36.7	26	6	AX511106	AX511106 Sequence
	102	11	36.7	26	6	AX924197	AX924197 Sequence
c	103	11	36.7	26	6	AX927884	AX927884 Sequence
c	104	11	36.7	27	6	AR392179	AR392179 Sequence
c	105	11	36.7	29	6	AR068555	AR068555 Sequence
c	106	11	36.7	29	6	AR076503	AR076503 Sequence
	107	11	36.7	29	6	BD252225	BD252225 Regulatio
	108	11	36.7	29	6	BD259135	BD259135 Regulatio
c	109	11	36.7	30	6	AR382537	AR382537 Sequence
	110	11	36.7	31	6	AX248542	AX248542 Sequence
	111	11	36.7	32	6	I15376	I15376 Sequence 8
	112	11	36.7	33	6	AX084268	AX084268 Sequence
c	113	11	36.7	34	6	CQ846950	CQ846950 Sequence
c	114	11	36.7	34	6	AX776540	AX776540 Sequence
c	115	11	36.7	35	6	E29454	E29454 Novel metho
	116	11	36.7	36	6	AR056946	AR056946 Sequence
	117	11	36.7	36	6	AR057048	AR057048 Sequence
c	118	11	36.7	36	6	AR095500	AR095500 Sequence

	119	11	36.7	36	6	AR114704	AR114704 Sequence
	120	11	36.7	36	6	AR114806	AR114806 Sequence
c	121	11	36.7	36	6	I27820	I27820 Sequence 3
	122	11	36.7	36	6	AX634005	AX634005 Sequence
	123	11	36.7	36	6	AX634107	AX634107 Sequence
	124	11	36.7	37	6	E07960	E07960 Primer. 9/1
	125	11	36.7	38	6	AR336188	AR336188 Sequence
	126	11	36.7	38	6	AX424161	AX424161 Sequence
	127	11	36.7	38	6	AX580843	AX580843 Sequence
c	128	11	36.7	39	6	AX058678	AX058678 Sequence
	129	11	36.7	40	6	AX538372	AX538372 Sequence
c	130	11	36.7	40	6	AX538373	AX538373 Sequence
c	131	11	36.7	41	6	AR109089	AR109089 Sequence
c	132	11	36.7	41	6	AR200744	AR200744 Sequence
c	133	11	36.7	41	6	AX327047	AX327047 Sequence
c	134	11	36.7	41	6	AX327048	AX327048 Sequence
	135	11	36.7	41	6	AX513862	AX513862 Sequence
	136	11	36.7	41	6	AX519138	AX519138 Sequence
	137	11	36.7	42	6	AR160937	AR160937 Sequence
	138	11	36.7	42	6	I16108	I16108 Sequence 15
c	139	11	36.7	43	6	E29456	E29456 Novel metho
c	140	11	36.7	46	6	A94955	A94955 Sequence 40
	141	11	36.7	46	6	A94956	A94956 Sequence 41
	142	11	36.7	46	6	AX665046	AX665046 Sequence
	143	11	36.7	46	6	AX961525	AX961525 Sequence
c	144	11	36.7	47	6	A51618	A51618 Sequence 28
c	145	11	36.7	48	6	AR217118	AR217118 Sequence
c	146	11	36.7	51	6	CQ003900	CQ003900 Sequence
c	147	11	36.7	51	6	AR444420	AR444420 Sequence
c	148	11	36.7	51	6	AR444421	AR444421 Sequence
	149	11	36.7	51	6	AX118377	AX118377 Sequence
c	150	11	36.7	51	6	AX162617	AX162617 Sequence
c	151	11	36.7	51	6	AX162618	AX162618 Sequence
	152	11	36.7	51	6	AX190074	AX190074 Sequence
	153	11	36.7	51	6	AX190075	AX190075 Sequence
	154	11	36.7	51	6	AX190076	AX190076 Sequence
	155	11	36.7	51	6	AX190077	AX190077 Sequence
c	156	11	36.7	52	6	I15375	I15375 Sequence 7
c	157	11	36.7	57	6	AR487709	AR487709 Sequence
c	158	11	36.7	57	6	AX722015	AX722015 Sequence
c	159	11	36.7	60	6	CQ537971	CQ537971 Sequence
c	160	11	36.7	60	6	CQ541741	CQ541741 Sequence
	161	11	36.7	60	6	CQ541787	CQ541787 Sequence
	162	11	36.7	60	6	CQ542305	CQ542305 Sequence
	163	11	36.7	60	6	CQ543297	CQ543297 Sequence
	164	11	36.7	60	6	CQ544225	CQ544225 Sequence
	165	11	36.7	60	6	CQ548668	CQ548668 Sequence
c	166	11	36.7	60	6	CQ548783	CQ548783 Sequence
	167	11	36.7	60	6	CQ551747	CQ551747 Sequence
	168	11	36.7	60	6	CQ553157	CQ553157 Sequence
	169	11	36.7	60	6	I87861	I87861 Sequence 14
	170	11	36.7	60	6	AR242211	AR242211 Sequence
	171	11	36.7	61	6	AR355912	AR355912 Sequence
c	172	11	36.7	65	6	CQ531337	CQ531337 Sequence
c	173	11	36.7	65	6	CQ533562	CQ533562 Sequence
c	174	11	36.7	65	6	CQ554314	CQ554314 Sequence
	175	11	36.7	65	6	CQ559023	CQ559023 Sequence

176	11	36.7	65	6	CQ559467	CQ559467 Sequence
c 177	11	36.7	69	6	AR081748	AR081748 Sequence
c 178	11	36.7	69	6	AR167980	AR167980 Sequence
c 179	11	36.7	69	6	AR213311	AR213311 Sequence
c 180	11	36.7	69	6	AR256148	AR256148 Sequence
c 181	11	36.7	69	6	AR275105	AR275105 Sequence
c 182	11	36.7	69	6	AR306238	AR306238 Sequence
c 183	11	36.7	69	6	AR371626	AR371626 Sequence
c 184	11	36.7	71	6	AR165749	AR165749 Sequence
c 185	11	36.7	71	6	AR304945	AR304945 Sequence
c 186	11	36.7	72	8	ATH527102	AJ527102 Arabidops
c 187	11	36.7	72	8	ATH527127	AJ527127 Arabidops
c 188	11	36.7	74	6	AR147540	AR147540 Sequence
189	11	36.7	78	6	CQ150038	CQ150038 Sequence
190	11	36.7	78	6	CQ233340	CQ233340 Sequence
191	11	36.7	78	6	CQ271257	CQ271257 Sequence
c 192	11	36.7	78	6	CQ308499	CQ308499 Sequence
193	11	36.7	78	6	CQ308657	CQ308657 Sequence
194	11	36.7	78	6	CQ345409	CQ345409 Sequence
c 195	11	36.7	78	10	AF284772	AF284772 Mus muscu
c 196	11	36.7	81	14	AF166648	AF166648 Hepatitis
c 197	11	36.7	81	14	AF166649	AF166649 Hepatitis
c 198	11	36.7	81	14	AF166650	AF166650 Hepatitis
c 199	11	36.7	81	14	AF166651	AF166651 Hepatitis
c 200	11	36.7	81	14	AF166653	AF166653 Hepatitis
c 201	11	36.7	81	14	AF166654	AF166654 Hepatitis
c 202	11	36.7	81	14	AF166656	AF166656 Hepatitis
c 203	11	36.7	81	14	AF166657	AF166657 Hepatitis
c 204	11	36.7	81	14	AF166658	AF166658 Hepatitis
c 205	11	36.7	81	14	AF166659	AF166659 Hepatitis
c 206	11	36.7	81	14	AF166660	AF166660 Hepatitis
c 207	11	36.7	81	14	AF166661	AF166661 Hepatitis
c 208	11	36.7	81	14	AF166662	AF166662 Hepatitis
c 209	11	36.7	81	14	AF166663	AF166663 Hepatitis
c 210	11	36.7	81	14	AF166664	AF166664 Hepatitis
c 211	11	36.7	81	14	AF166665	AF166665 Hepatitis
c 212	11	36.7	81	14	AF166667	AF166667 Hepatitis
c 213	11	36.7	81	14	AF462989	AF462989 Hepatitis
c 214	11	36.7	81	14	AF462990	AF462990 Hepatitis
c 215	11	36.7	81	14	AF462991	AF462991 Hepatitis
c 216	11	36.7	81	14	AF462992	AF462992 Hepatitis
c 217	11	36.7	81	14	AF462993	AF462993 Hepatitis
c 218	11	36.7	81	14	AF462994	AF462994 Hepatitis
c 219	11	36.7	81	14	AF462995	AF462995 Hepatitis
c 220	11	36.7	81	14	AF462996	AF462996 Hepatitis
c 221	11	36.7	81	14	AF462997	AF462997 Hepatitis
c 222	11	36.7	81	14	AF462998	AF462998 Hepatitis
c 223	11	36.7	81	14	AF462999	AF462999 Hepatitis
c 224	11	36.7	81	14	AF463000	AF463000 Hepatitis
c 225	11	36.7	81	14	AF463001	AF463001 Hepatitis
c 226	11	36.7	81	14	AF463002	AF463002 Hepatitis
c 227	11	36.7	81	14	AF463003	AF463003 Hepatitis
c 228	11	36.7	81	14	AF463004	AF463004 Hepatitis
c 229	11	36.7	81	14	AF463005	AF463005 Hepatitis
c 230	11	36.7	81	14	AF463006	AF463006 Hepatitis
c 231	11	36.7	81	14	AF463007	AF463007 Hepatitis
c 232	11	36.7	81	14	AF463008	AF463008 Hepatitis

c 233	11	36.7	81	14	AF463009	AF463009 Hepatitis
c 234	11	36.7	81	14	AF463010	AF463010 Hepatitis
c 235	11	36.7	81	14	AF463011	AF463011 Hepatitis
c 236	11	36.7	81	14	AF463013	AF463013 Hepatitis
c 237	11	36.7	81	14	AF463014	AF463014 Hepatitis
c 238	11	36.7	81	14	AF463015	AF463015 Hepatitis
c 239	11	36.7	81	14	AF463016	AF463016 Hepatitis
c 240	11	36.7	81	14	AF463017	AF463017 Hepatitis
c 241	11	36.7	81	14	AF463018	AF463018 Hepatitis
c 242	11	36.7	81	14	AF463019	AF463019 Hepatitis
c 243	11	36.7	81	14	AF463020	AF463020 Hepatitis
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c 245	11	36.7	81	14	AF463022	AF463022 Hepatitis
c 246	11	36.7	81	14	AF463023	AF463023 Hepatitis
c 247	11	36.7	81	14	AF463024	AF463024 Hepatitis
c 248	11	36.7	81	14	AF463025	AF463025 Hepatitis
c 249	11	36.7	81	14	AF463026	AF463026 Hepatitis
c 250	11	36.7	81	14	AF463027	AF463027 Hepatitis
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c 252	11	36.7	81	14	AF463030	AF463030 Hepatitis
c 253	11	36.7	81	14	AF463031	AF463031 Hepatitis
c 254	11	36.7	81	14	AF463032	AF463032 Hepatitis
c 255	11	36.7	81	14	AF463033	AF463033 Hepatitis
256	11	36.7	91	14	AY601350	AY601350 Human pap
257	11	36.7	91	14	AY601351	AY601351 Human pap
258	11	36.7	94	6	CQ056458	CQ056458 Sequence
259	11	36.7	94	6	CQ075725	CQ075725 Sequence
260	11	36.7	94	6	CQ106706	CQ106706 Sequence
261	11	36.7	94	6	CQ145358	CQ145358 Sequence
262	11	36.7	94	6	CQ180798	CQ180798 Sequence
263	11	36.7	94	6	CQ205174	CQ205174 Sequence
264	11	36.7	94	6	CQ228553	CQ228553 Sequence
265	11	36.7	94	6	CQ266709	CQ266709 Sequence
266	11	36.7	94	6	CQ303660	CQ303660 Sequence
267	11	36.7	94	6	CQ340992	CQ340992 Sequence
c 268	11	36.7	97	11	HSU57850	U57850 Human clone
269	11	36.7	99	14	HPVL1211	Y12221 Human papil
270	11	36.7	99	14	S40273	S40273 L1 [human p
271	11	36.7	99	14	S40279	S40279 L1 [human p
c 272	11	36.7	100	6	AX988827	AX988827 Sequence
273	11	36.7	100	6	AX993622	AX993622 Sequence
c 274	11	36.7	100	6	AX994451	AX994451 Sequence
275	11	36.7	100	6	AX997532	AX997532 Sequence
276	11	36.7	100	9	H007727S12	AF091869 Homo sapi
277	10	33.3	11	6	AX623549	AX623549 Sequence
278	10	33.3	11	6	AX630970	AX630970 Sequence
c 279	10	33.3	12	6	AR222372	AR222372 Sequence
c 280	10	33.3	13	6	CQ794303	CQ794303 Sequence
c 281	10	33.3	15	6	AR180226	AR180226 Sequence
c 282	10	33.3	15	6	AR180553	AR180553 Sequence
283	10	33.3	15	6	AX456722	AX456722 Sequence
284	10	33.3	15	9	S65223	S65223 arylsulfata
285	10	33.3	16	6	AR474443	AR474443 Sequence
286	10	33.3	16	6	AR475507	AR475507 Sequence
287	10	33.3	16	6	AX456726	AX456726 Sequence
288	10	33.3	16	6	AX686165	AX686165 Sequence
c 289	10	33.3	17	6	AR057510	AR057510 Sequence

c 290	10	33.3	17	6	AR115268	AR115268 Sequence
c 291	10	33.3	17	6	BD201515	BD201515 Method an
292	10	33.3	17	6	AX456729	AX456729 Sequence
293	10	33.3	17	6	AX578982	AX578982 Sequence
294	10	33.3	17	6	AX579440	AX579440 Sequence
295	10	33.3	17	6	AX579667	AX579667 Sequence
296	10	33.3	17	6	AX579882	AX579882 Sequence
297	10	33.3	17	6	AX580153	AX580153 Sequence
298	10	33.3	17	6	AX580155	AX580155 Sequence
299	10	33.3	17	6	AX580167	AX580167 Sequence
c 300	10	33.3	17	6	AX634569	AX634569 Sequence
c 301	10	33.3	17	6	AX727817	AX727817 Sequence
302	10	33.3	17	6	AX732996	AX732996 Sequence
303	10	33.3	17	6	AX736879	AX736879 Sequence
c 304	10	33.3	17	6	AX757644	AX757644 Sequence
c 305	10	33.3	17	6	AX760894	AX760894 Sequence
306	10	33.3	18	6	AR173935	AR173935 Sequence
307	10	33.3	18	6	AX456731	AX456731 Sequence
c 308	10	33.3	19	6	AR139882	AR139882 Sequence
c 309	10	33.3	19	6	AR167526	AR167526 Sequence
c 310	10	33.3	19	6	CQ788477	CQ788477 Sequence
c 311	10	33.3	19	6	CQ817670	CQ817670 Sequence
c 312	10	33.3	19	6	AR234250	AR234250 Sequence
c 313	10	33.3	19	6	AR476167	AR476167 Sequence
c 314	10	33.3	19	6	AR488052	AR488052 Sequence
315	10	33.3	19	6	AX201468	AX201468 Sequence
316	10	33.3	19	6	AX600977	AX600977 Sequence
317	10	33.3	19	6	AX661894	AX661894 Sequence
318	10	33.3	19	6	AX686093	AX686093 Sequence
c 319	10	33.3	19	6	BD084554	BD084554 Recombina
320	10	33.3	19	12	AB069422	AB069422 Synthetic
c 321	10	33.3	20	6	A63044	A63044 Sequence 15
c 322	10	33.3	20	6	AR150219	AR150219 Sequence
c 323	10	33.3	20	6	AR150362	AR150362 Sequence
c 324	10	33.3	20	6	BD228092	BD228092 Antisense
c 325	10	33.3	20	6	BD228235	BD228235 Antisense
326	10	33.3	20	6	CQ757474	CQ757474 Sequence
327	10	33.3	20	6	CQ766659	CQ766659 Sequence
c 328	10	33.3	20	6	CQ830194	CQ830194 Sequence
c 329	10	33.3	20	6	I31364	I31364 Sequence 27
330	10	33.3	20	6	AR206639	AR206639 Sequence
c 331	10	33.3	20	6	AR208810	AR208810 Sequence
332	10	33.3	20	6	AR221038	AR221038 Sequence
c 333	10	33.3	20	6	AR230881	AR230881 Sequence
334	10	33.3	20	6	AR271178	AR271178 Sequence
c 335	10	33.3	20	6	AR310909	AR310909 Sequence
c 336	10	33.3	20	6	AR313541	AR313541 Sequence
337	10	33.3	20	6	AR315267	AR315267 Sequence
c 338	10	33.3	20	6	AR350267	AR350267 Sequence
339	10	33.3	20	6	AR448946	AR448946 Sequence
c 340	10	33.3	20	6	AR455098	AR455098 Sequence
341	10	33.3	20	6	AR472121	AR472121 Sequence
342	10	33.3	20	6	AX105092	AX105092 Sequence
343	10	33.3	20	6	AX116550	AX116550 Sequence
c 344	10	33.3	20	6	AX326926	AX326926 Sequence
345	10	33.3	20	6	AX376688	AX376688 Sequence
346	10	33.3	20	6	AX453645	AX453645 Sequence

c	347	10	33.3	20	6	AX521732	AX521732 Sequence
	348	10	33.3	20	6	AX720291	AX720291 Sequence
	349	10	33.3	20	6	AX720302	AX720302 Sequence
c	350	10	33.3	20	6	AX921576	AX921576 Sequence
c	351	10	33.3	20	6	BD093493	BD093493 Reagents
	352	10	33.3	20	6	BD093498	BD093498 Reagents
	353	10	33.3	20	6	BD133903	BD133903 Killifish
	354	10	33.3	21	6	A56996	A56996 Sequence 54
	355	10	33.3	21	6	A70805	A70805 Sequence 12
	356	10	33.3	21	6	A79289	A79289 Sequence 12
	357	10	33.3	21	6	AR052907	AR052907 Sequence
	358	10	33.3	21	6	AR054270	AR054270 Sequence
	359	10	33.3	21	6	AR054472	AR054472 Sequence
c	360	10	33.3	21	6	AR070085	AR070085 Sequence
	361	10	33.3	21	6	AR076827	AR076827 Sequence
c	362	10	33.3	21	6	AR092564	AR092564 Sequence
	363	10	33.3	21	6	AR095586	AR095586 Sequence
	364	10	33.3	21	6	AR116810	AR116810 Sequence
	365	10	33.3	21	6	AR146867	AR146867 Sequence
	366	10	33.3	21	6	AR151464	AR151464 Sequence
c	367	10	33.3	21	6	BD230484	BD230484 Total gen
c	368	10	33.3	21	6	CQ753128	CQ753128 Sequence
	369	10	33.3	21	6	E55080	E55080 Plant promo
c	370	10	33.3	21	6	AR258169	AR258169 Sequence
c	371	10	33.3	21	6	AR344391	AR344391 Sequence
	372	10	33.3	21	6	AR363568	AR363568 Sequence
c	373	10	33.3	21	6	AX001033	AX001033 Sequence
	374	10	33.3	21	6	AX040420	AX040420 Sequence
c	375	10	33.3	21	6	AX116846	AX116846 Sequence
	376	10	33.3	21	6	AX417070	AX417070 Sequence
	377	10	33.3	21	6	AX452335	AX452335 Sequence
	378	10	33.3	21	6	AX538706	AX538706 Sequence
c	379	10	33.3	21	6	AX670801	AX670801 Sequence
	380	10	33.3	21	6	AX675751	AX675751 Sequence
	381	10	33.3	21	6	BD003519	BD003519 A gene re
c	382	10	33.3	21	6	BD076510	BD076510 Fibroblas
	383	10	33.3	21	6	BD131058	BD131058 Method an
c	384	10	33.3	21	6	BD136201	BD136201 Retrovira
	385	10	33.3	22	6	A36279	A36279 Sequence 2
c	386	10	33.3	22	6	AR066902	AR066902 Sequence
c	387	10	33.3	22	6	AR070169	AR070169 Sequence
	388	10	33.3	22	6	BD178325	BD178325 Transform
	389	10	33.3	22	6	BD182570	BD182570 Gene tran
c	390	10	33.3	22	6	I21373	I21373 Sequence 1
	391	10	33.3	22	6	I83379	I83379 Sequence 2
	392	10	33.3	22	6	AR236280	AR236280 Sequence
	393	10	33.3	22	6	AR371486	AR371486 Sequence
c	394	10	33.3	22	6	AX115595	AX115595 Sequence
	395	10	33.3	22	6	AX195440	AX195440 Sequence
c	396	10	33.3	22	6	AX357983	AX357983 Sequence
	397	10	33.3	22	6	AX466892	AX466892 Sequence
	398	10	33.3	22	6	AX925718	AX925718 Sequence
	399	10	33.3	22	6	AX937570	AX937570 Sequence
	400	10	33.3	22	6	BD013066	BD013066 Cyclic de
	401	10	33.3	22	6	BD013080	BD013080 Regulator
c	402	10	33.3	23	6	A04126	A04126 Synthetic o
	403	10	33.3	23	6	AX298462	AX298462 Sequence

404	10	33.3	23	6	AX487068	AX487068 Sequence
405	10	33.3	23	6	AX937618	AX937618 Sequence
406	10	33.3	23	6	AX952200	AX952200 Sequence
407	10	33.3	23	6	BD093926	BD093926 Transform
c 408	10	33.3	24	6	AR037786	AR037786 Sequence
409	10	33.3	24	6	AR037801	AR037801 Sequence
c 410	10	33.3	24	6	AR037842	AR037842 Sequence
411	10	33.3	24	6	CQ785913	CQ785913 Sequence
c 412	10	33.3	24	6	I32619	I32619 Sequence 4
413	10	33.3	24	6	I32634	I32634 Sequence 19
c 414	10	33.3	24	6	AR478988	AR478988 Sequence
415	10	33.3	24	6	AX148236	AX148236 Sequence
416	10	33.3	24	6	AX148284	AX148284 Sequence
c 417	10	33.3	24	6	AX288339	AX288339 Sequence
c 418	10	33.3	24	6	AX445856	AX445856 Sequence
419	10	33.3	24	6	AX699587	AX699587 Sequence
c 420	10	33.3	24	6	AX817560	AX817560 Sequence
c 421	10	33.3	24	6	AX817562	AX817562 Sequence
422	10	33.3	24	6	BD015689	BD015689 Novel pro
423	10	33.3	24	6	BD094842	BD094842 Novel pro
424	10	33.3	24	6	BD107565	BD107565 Nucleic a
c 425	10	33.3	25	6	AR059371	AR059371 Sequence
c 426	10	33.3	25	6	AR071647	AR071647 Sequence
c 427	10	33.3	25	6	BD263108	BD263108 Phosphodi
c 428	10	33.3	25	6	AR230509	AR230509 Sequence
429	10	33.3	25	6	AR239235	AR239235 Sequence
c 430	10	33.3	25	6	AR252639	AR252639 Sequence
c 431	10	33.3	25	6	AR310204	AR310204 Sequence
c 432	10	33.3	25	6	AR350616	AR350616 Sequence
c 433	10	33.3	25	6	AR494350	AR494350 Sequence
434	10	33.3	25	6	AX196796	AX196796 Sequence
435	10	33.3	25	6	AX279037	AX279037 Sequence
c 436	10	33.3	25	6	AX403508	AX403508 Sequence
437	10	33.3	25	6	AX511858	AX511858 Sequence
c 438	10	33.3	26	6	BD187317	BD187317 Methods o
c 439	10	33.3	26	6	CQ774732	CQ774732 Sequence
c 440	10	33.3	26	6	AX183862	AX183862 Sequence
c 441	10	33.3	26	6	AX223874	AX223874 Sequence
c 442	10	33.3	26	6	AX454260	AX454260 Sequence
c 443	10	33.3	26	6	AX466858	AX466858 Sequence
444	10	33.3	26	6	AX556604	AX556604 Sequence
445	10	33.3	26	6	AX686626	AX686626 Sequence
c 446	10	33.3	26	6	AX703018	AX703018 Sequence
c 447	10	33.3	26	6	BD016449	BD016449 Gene deri
c 448	10	33.3	26	6	BD085711	BD085711 Scavenger
449	10	33.3	26	6	BD134691	BD134691 Human mal
450	10	33.3	27	6	AR014464	AR014464 Sequence
451	10	33.3	27	6	AR014466	AR014466 Sequence
452	10	33.3	27	6	AR041056	AR041056 Sequence
453	10	33.3	27	6	AR101654	AR101654 Sequence
454	10	33.3	27	6	AR101655	AR101655 Sequence
c 455	10	33.3	27	6	AR130231	AR130231 Sequence
c 456	10	33.3	27	6	AR130232	AR130232 Sequence
c 457	10	33.3	27	6	AR173433	AR173433 Sequence
458	10	33.3	27	6	BD207821	BD207821 Enzymatic
c 459	10	33.3	27	6	BD217981	BD217981 Regulatio
c 460	10	33.3	27	6	BD217982	BD217982 Regulatio

461	10	33.3	27	6	BD233786	BD233786 Polynucle
c 462	10	33.3	27	6	BD273263	BD273263 Methods f
463	10	33.3	27	6	BD273264	BD273264 Methods f
464	10	33.3	27	6	AR185214	AR185214 Sequence
465	10	33.3	27	6	AR191347	AR191347 Sequence
c 466	10	33.3	27	6	AR194126	AR194126 Sequence
c 467	10	33.3	27	6	AR274207	AR274207 Sequence
c 468	10	33.3	27	6	AR274208	AR274208 Sequence
469	10	33.3	27	6	AR281740	AR281740 Sequence
c 470	10	33.3	27	6	AR303003	AR303003 Sequence
471	10	33.3	27	6	AR340838	AR340838 Sequence
c 472	10	33.3	27	6	AR430860	AR430860 Sequence
c 473	10	33.3	27	6	AR430861	AR430861 Sequence
474	10	33.3	27	6	AR473414	AR473414 Sequence
475	10	33.3	27	6	AX151756	AX151756 Sequence
476	10	33.3	27	6	AX496736	AX496736 Sequence
477	10	33.3	27	6	BD138050	BD138050 Expressio
c 478	10	33.3	27	6	BD139535	BD139535 Regulatio
c 479	10	33.3	27	6	BD139536	BD139536 Regulatio
c 480	10	33.3	28	6	AR027474	AR027474 Sequence
c 481	10	33.3	28	6	AR161760	AR161760 Sequence
c 482	10	33.3	28	6	AR161771	AR161771 Sequence
c 483	10	33.3	28	6	CQ797688	CQ797688 Sequence
c 484	10	33.3	28	6	CQ802929	CQ802929 Sequence
485	10	33.3	29	6	AR038879	AR038879 Sequence
486	10	33.3	29	6	AR055260	AR055260 Sequence
487	10	33.3	29	6	AR143230	AR143230 Sequence
c 488	10	33.3	29	6	AR172354	AR172354 Sequence
489	10	33.3	29	6	BD252237	BD252237 Regulatio
490	10	33.3	29	6	BD258905	BD258905 Regulatio
491	10	33.3	29	6	CQ798831	CQ798831 Sequence
c 492	10	33.3	29	6	AR361369	AR361369 Sequence
493	10	33.3	29	6	AR429699	AR429699 Sequence
494	10	33.3	29	6	AR448656	AR448656 Sequence
495	10	33.3	29	6	AX099620	AX099620 Sequence
c 496	10	33.3	29	6	AX328991	AX328991 Sequence
497	10	33.3	29	6	BD063996	BD063996 Secreted
498	10	33.3	29	6	BD085773	BD085773 Alpha-amy
c 499	10	33.3	29	6	BD167370	BD167370 Protein p
500	10	33.3	30	6	A35258	A35258 Synthetic o
501	10	33.3	30	6	AR012291	AR012291 Sequence
502	10	33.3	30	6	AR028314	AR028314 Sequence
c 503	10	33.3	30	6	AR118762	AR118762 Sequence
504	10	33.3	30	6	AR178227	AR178227 Sequence
c 505	10	33.3	30	6	CQ797684	CQ797684 Sequence
c 506	10	33.3	30	6	I06394	I06394 Sequence 14
507	10	33.3	30	6	I14989	I14989 Sequence 75
508	10	33.3	30	6	I73709	I73709 Sequence 75
509	10	33.3	30	6	AR214509	AR214509 Sequence
c 510	10	33.3	30	6	AX058671	AX058671 Sequence
511	10	33.3	30	6	AX498215	AX498215 Sequence
512	10	33.3	30	6	AX792817	AX792817 Sequence
c 513	10	33.3	30	6	BD004773	BD004773 Novel VEG
c 514	10	33.3	30	6	BD168848	BD168848 Antibody
515	10	33.3	31	6	AR027107	AR027107 Sequence
516	10	33.3	31	6	AX589671	AX589671 Sequence
c 517	10	33.3	31	6	AX961299	AX961299 Sequence

518	10	33.3	31	6	BD002499	BD002499 Gene comp
c 519	10	33.3	31	6	BD012901	BD012901 Gene codi
c 520	10	33.3	32	6	AR491968	AR491968 Sequence
521	10	33.3	32	6	AX046645	AX046645 Sequence
522	10	33.3	32	6	AX076709	AX076709 Sequence
523	10	33.3	32	6	AX367135	AX367135 Sequence
c 524	10	33.3	32	6	AX801707	AX801707 Sequence
c 525	10	33.3	32	6	BD081196	BD081196 Persephin
526	10	33.3	33	6	AR014461	AR014461 Sequence
527	10	33.3	33	6	AR473390	AR473390 Sequence
c 528	10	33.3	33	6	AX135115	AX135115 Sequence
529	10	33.3	33	6	BD138026	BD138026 Expressio
c 530	10	33.3	34	6	AR003388	AR003388 Sequence
c 531	10	33.3	34	6	AR151206	AR151206 Sequence
532	10	33.3	34	6	AR169186	AR169186 Sequence
533	10	33.3	34	6	BD205851	BD205851 Compounds
534	10	33.3	34	6	CQ785437	CQ785437 Sequence
c 535	10	33.3	34	6	I21177	I21177 Sequence 23
c 536	10	33.3	34	6	I74444	I74444 Sequence 23
537	10	33.3	34	6	AR182476	AR182476 Sequence
538	10	33.3	34	6	AR194859	AR194859 Sequence
539	10	33.3	34	6	AR233131	AR233131 Sequence
540	10	33.3	34	6	AR353336	AR353336 Sequence
541	10	33.3	34	6	AX052678	AX052678 Sequence
542	10	33.3	34	6	AX429630	AX429630 Sequence
543	10	33.3	34	6	AX557063	AX557063 Sequence
544	10	33.3	34	6	AX832615	AX832615 Sequence
545	10	33.3	34	6	BD006359	BD006359 Compounds
546	10	33.3	34	6	BD006479	BD006479 Compounds
547	10	33.3	34	6	BD069319	BD069319 Compounds
c 548	10	33.3	35	6	A68639	A68639 Sequence 7
c 549	10	33.3	35	6	BD205242	BD205242 Cells gen
c 550	10	33.3	35	6	BD235828	BD235828 Inductibl
c 551	10	33.3	35	6	E07958	E07958 Primer. 9/1
c 552	10	33.3	35	6	AR194193	AR194193 Sequence
c 553	10	33.3	35	6	AR221289	AR221289 Sequence
c 554	10	33.3	35	6	AR243207	AR243207 Sequence
555	10	33.3	35	6	AR452221	AR452221 Sequence
556	10	33.3	35	6	AX262313	AX262313 Sequence
c 557	10	33.3	35	6	AX511880	AX511880 Sequence
c 558	10	33.3	35	6	AX839719	AX839719 Sequence
c 559	10	33.3	35	11	C75741	C75741 Homo sapien
c 560	10	33.3	36	6	A89672	A89672 Sequence 4
c 561	10	33.3	36	6	A89809	A89809 Sequence 4
c 562	10	33.3	36	6	AR151687	AR151687 Sequence
563	10	33.3	36	6	I06215	I06215 Sequence 1
564	10	33.3	36	6	I08267	I08267 Sequence 1
565	10	33.3	36	6	I25210	I25210 Sequence 4
566	10	33.3	36	6	I35297	I35297 Sequence 26
c 567	10	33.3	36	6	BD141422	BD141422 Protein d
c 568	10	33.3	37	6	A97404	A97404 Sequence 7
c 569	10	33.3	37	6	AR080929	AR080929 Sequence
570	10	33.3	37	6	AR080971	AR080971 Sequence
c 571	10	33.3	37	6	AR080972	AR080972 Sequence
572	10	33.3	37	6	AR080973	AR080973 Sequence
c 573	10	33.3	37	6	I24974	I24974 Sequence 14
c 574	10	33.3	37	6	I60278	I60278 Sequence 12

575	10	33.3	37	6	I60320	I60320 Sequence 54
c 576	10	33.3	37	6	I60321	I60321 Sequence 55
577	10	33.3	37	6	I60322	I60322 Sequence 56
c 578	10	33.3	37	6	AX058848	AX058848 Sequence
c 579	10	33.3	37	6	AX647936	AX647936 Sequence
580	10	33.3	38	6	A26131	A26131 Artificial
581	10	33.3	38	6	A29558	A29558 K.lactis ge
582	10	33.3	38	6	AR167629	AR167629 Sequence
583	10	33.3	38	6	BD195128	BD195128 Screening
584	10	33.3	38	6	I33669	I33669 Sequence 12
585	10	33.3	38	6	I43817	I43817 Sequence 4
586	10	33.3	38	6	AR240197	AR240197 Sequence
587	10	33.3	38	6	AR330418	AR330418 Sequence
588	10	33.3	38	6	AR333291	AR333291 Sequence
589	10	33.3	38	6	AR335056	AR335056 Sequence
c 590	10	33.3	38	6	AR336323	AR336323 Sequence
591	10	33.3	38	6	AX219282	AX219282 Sequence
c 592	10	33.3	38	6	AX219405	AX219405 Sequence
c 593	10	33.3	38	6	AX247611	AX247611 Sequence
c 594	10	33.3	38	6	AX247612	AX247612 Sequence
595	10	33.3	38	6	AX347576	AX347576 Sequence
596	10	33.3	38	6	AX424489	AX424489 Sequence
597	10	33.3	38	6	AX441278	AX441278 Sequence
598	10	33.3	38	6	BD160963	BD160963 Method fo
c 599	10	33.3	39	6	A18283	A18283 oligonucleo
600	10	33.3	39	6	AR130211	AR130211 Sequence
601	10	33.3	39	6	AR174243	AR174243 Sequence
602	10	33.3	39	6	AR174273	AR174273 Sequence
603	10	33.3	39	6	AR174275	AR174275 Sequence
604	10	33.3	39	6	AR179168	AR179168 Sequence
605	10	33.3	39	6	BD217953	BD217953 Regulatio
c 606	10	33.3	39	6	I56857	I56857 Sequence 4
607	10	33.3	39	6	AR274179	AR274179 Sequence
c 608	10	33.3	39	6	AR303007	AR303007 Sequence
c 609	10	33.3	39	6	AR303008	AR303008 Sequence
610	10	33.3	39	6	AR430842	AR430842 Sequence
c 611	10	33.3	40	6	AR009866	AR009866 Sequence
c 612	10	33.3	40	6	AR035940	AR035940 Sequence
c 613	10	33.3	40	6	I20176	I20176 Sequence 13
c 614	10	33.3	40	6	AR340354	AR340354 Sequence
615	10	33.3	40	6	AX538316	AX538316 Sequence
616	10	33.3	40	6	AX538388	AX538388 Sequence
c 617	10	33.3	40	6	AX538391	AX538391 Sequence
c 618	10	33.3	41	6	AR408926	AR408926 Sequence
c 619	10	33.3	41	6	AX100933	AX100933 Sequence
c 620	10	33.3	41	6	AX515867	AX515867 Sequence
c 621	10	33.3	41	6	AX521124	AX521124 Sequence
622	10	33.3	41	6	AX521131	AX521131 Sequence
623	10	33.3	42	6	E13595	E13595 Ribozyme wh
624	10	33.3	43	6	BD227025	BD227025 Cytosine
c 625	10	33.3	43	6	AR183093	AR183093 Sequence
c 626	10	33.3	43	6	AR431810	AR431810 Sequence
627	10	33.3	43	6	AX484533	AX484533 Sequence
c 628	10	33.3	43	6	BD086449	BD086449 Peptide c
c 629	10	33.3	45	6	A94953	A94953 Sequence 38
630	10	33.3	45	6	A94954	A94954 Sequence 39
c 631	10	33.3	45	6	AR194143	AR194143 Sequence

632	10	33.3	45	6	AR410184	AR410184 Sequence
c 633	10	33.3	45	6	AR410185	AR410185 Sequence
634	10	33.3	45	6	AX576977	AX576977 Sequence
c 635	10	33.3	45	6	AX576978	AX576978 Sequence
c 636	10	33.3	45	9	S66961	S66961 TCR beta V
637	10	33.3	45	11	BX664039	BX664039 Arabidops
c 638	10	33.3	46	6	AX685558	AX685558 Sequence
c 639	10	33.3	47	6	AR288703	AR288703 Sequence
640	10	33.3	47	6	AR288809	AR288809 Sequence
641	10	33.3	47	6	AR289679	AR289679 Sequence
642	10	33.3	47	6	AR290623	AR290623 Sequence
c 643	10	33.3	47	6	AR291569	AR291569 Sequence
644	10	33.3	47	6	AX194665	AX194665 Sequence
645	10	33.3	48	6	BD211177	BD211177 Transgeni
646	10	33.3	48	6	BD233862	BD233862 Novel met
647	10	33.3	48	6	I28935	I28935 Sequence 1
648	10	33.3	48	6	AR182524	AR182524 Sequence
649	10	33.3	48	6	AX010534	AX010534 Sequence
650	10	33.3	48	6	AX025277	AX025277 Sequence
651	10	33.3	48	6	AX244175	AX244175 Sequence
c 652	10	33.3	48	10	MMU39309	U39309 Mus musculu
c 653	10	33.3	48	10	MMU39312	U39312 Mus musculu
c 654	10	33.3	49	6	AR239891	AR239891 Sequence
c 655	10	33.3	49	6	AX279693	AX279693 Sequence
656	10	33.3	50	6	CQ002636	CQ002636 Sequence
c 657	10	33.3	50	6	CQ005934	CQ005934 Sequence
658	10	33.3	50	6	CQ008994	CQ008994 Sequence
659	10	33.3	50	6	AR356728	AR356728 Sequence
c 660	10	33.3	50	6	AX161129	AX161129 Sequence
c 661	10	33.3	50	6	AX199666	AX199666 Sequence
662	10	33.3	50	6	AX951955	AX951955 Sequence
663	10	33.3	50	6	AX952549	AX952549 Sequence
c 664	10	33.3	50	10	MMU41981	U41981 Mus musculu
665	10	33.3	51	6	CQ002635	CQ002635 Sequence
c 666	10	33.3	51	6	CQ002984	CQ002984 Sequence
667	10	33.3	51	6	CQ003272	CQ003272 Sequence
668	10	33.3	51	6	CQ005140	CQ005140 Sequence
669	10	33.3	51	6	CQ007898	CQ007898 Sequence
670	10	33.3	51	6	AR444348	AR444348 Sequence
c 671	10	33.3	51	6	AR444503	AR444503 Sequence
672	10	33.3	51	6	AX107573	AX107573 Sequence
c 673	10	33.3	51	6	AX114897	AX114897 Sequence
674	10	33.3	51	6	AX115561	AX115561 Sequence
c 675	10	33.3	51	6	AX156825	AX156825 Sequence
c 676	10	33.3	51	6	AX156826	AX156826 Sequence
c 677	10	33.3	51	6	AX156876	AX156876 Sequence
678	10	33.3	51	6	AX157305	AX157305 Sequence
679	10	33.3	51	6	AX157306	AX157306 Sequence
680	10	33.3	51	6	AX159806	AX159806 Sequence
c 681	10	33.3	51	6	AX159975	AX159975 Sequence
c 682	10	33.3	51	6	AX159976	AX159976 Sequence
c 683	10	33.3	51	6	AX165508	AX165508 Sequence
c 684	10	33.3	51	6	AX165766	AX165766 Sequence
685	10	33.3	51	6	AX199132	AX199132 Sequence
686	10	33.3	51	6	AX199233	AX199233 Sequence
687	10	33.3	51	6	AX199234	AX199234 Sequence
c 688	10	33.3	51	6	AX199665	AX199665 Sequence

c	689	10	33.3	51	6	AX204029	AX204029 Sequence
	690	10	33.3	51	6	AX204480	AX204480 Sequence
	691	10	33.3	51	10	MDTRVNJD	X63582 M.domesticu
	692	10	33.3	51	11	BV183658	BV183658 sqnm13991
c	693	10	33.3	52	6	I95120	I95120 Sequence 3
	694	10	33.3	53	6	I13035	I13035 Sequence 12
c	695	10	33.3	54	6	BD271055	BD271055 Method an
c	696	10	33.3	54	6	BD271060	BD271060 Method an
c	697	10	33.3	54	6	AR258461	AR258461 Sequence
c	698	10	33.3	54	6	AR258466	AR258466 Sequence
c	699	10	33.3	54	6	AX138280	AX138280 Sequence
	700	10	33.3	54	6	AX138281	AX138281 Sequence
	701	10	33.3	54	9	AF305528	AF305528 Homo sapi
c	702	10	33.3	55	6	E22323	E22323 DNA encodin
	703	10	33.3	55	6	E22326	E22326 DNA encodin
c	704	10	33.3	55	9	S76375	S76375 PML-RARA fu
c	705	10	33.3	56	10	AF417933S2	AF417934 Mus muscu
c	706	10	33.3	57	6	AR034325	AR034325 Sequence
c	707	10	33.3	57	6	AR050846	AR050846 Sequence
c	708	10	33.3	57	6	AR053851	AR053851 Sequence
c	709	10	33.3	57	6	AR091632	AR091632 Sequence
c	710	10	33.3	57	6	AR117511	AR117511 Sequence
c	711	10	33.3	57	9	HSTBX10S5	AF033578 Homo sapi
	712	10	33.3	58	6	AX657119	AX657119 Sequence
	713	10	33.3	59	6	AX473865	AX473865 Sequence
c	714	10	33.3	59	9	HSCLCHX20	Z25765 Homo sapien
c	715	10	33.3	59	10	MMZ95146	Z95146 M.musculus
c	716	10	33.3	60	6	CQ535333	CQ535333 Sequence
	717	10	33.3	60	6	CQ535726	CQ535726 Sequence
c	718	10	33.3	60	6	CQ536065	CQ536065 Sequence
	719	10	33.3	60	6	CQ536275	CQ536275 Sequence
c	720	10	33.3	60	6	CQ536487	CQ536487 Sequence
c	721	10	33.3	60	6	CQ536548	CQ536548 Sequence
c	722	10	33.3	60	6	CQ536777	CQ536777 Sequence
	723	10	33.3	60	6	CQ536809	CQ536809 Sequence
	724	10	33.3	60	6	CQ537150	CQ537150 Sequence
	725	10	33.3	60	6	CQ537389	CQ537389 Sequence
	726	10	33.3	60	6	CQ537884	CQ537884 Sequence
	727	10	33.3	60	6	CQ538874	CQ538874 Sequence
c	728	10	33.3	60	6	CQ539126	CQ539126 Sequence
	729	10	33.3	60	6	CQ539239	CQ539239 Sequence
c	730	10	33.3	60	6	CQ539640	CQ539640 Sequence
	731	10	33.3	60	6	CQ540047	CQ540047 Sequence
	732	10	33.3	60	6	CQ540330	CQ540330 Sequence
c	733	10	33.3	60	6	CQ540615	CQ540615 Sequence
c	734	10	33.3	60	6	CQ540696	CQ540696 Sequence
	735	10	33.3	60	6	CQ540864	CQ540864 Sequence
c	736	10	33.3	60	6	CQ541343	CQ541343 Sequence
c	737	10	33.3	60	6	CQ541378	CQ541378 Sequence
	738	10	33.3	60	6	CQ541404	CQ541404 Sequence
	739	10	33.3	60	6	CQ541633	CQ541633 Sequence
c	740	10	33.3	60	6	CQ541661	CQ541661 Sequence
	741	10	33.3	60	6	CQ541878	CQ541878 Sequence
	742	10	33.3	60	6	CQ542106	CQ542106 Sequence
	743	10	33.3	60	6	CQ542645	CQ542645 Sequence
c	744	10	33.3	60	6	CQ543601	CQ543601 Sequence
c	745	10	33.3	60	6	CQ543842	CQ543842 Sequence

746	10	33.3	60	6	CQ544068	CQ544068 Sequence
747	10	33.3	60	6	CQ544371	CQ544371 Sequence
748	10	33.3	60	6	CQ544379	CQ544379 Sequence
749	10	33.3	60	6	CQ544526	CQ544526 Sequence
c 750	10	33.3	60	6	CQ544716	CQ544716 Sequence
751	10	33.3	60	6	CQ544763	CQ544763 Sequence
752	10	33.3	60	6	CQ544815	CQ544815 Sequence
c 753	10	33.3	60	6	CQ545488	CQ545488 Sequence
754	10	33.3	60	6	CQ545719	CQ545719 Sequence
c 755	10	33.3	60	6	CQ546325	CQ546325 Sequence
756	10	33.3	60	6	CQ547365	CQ547365 Sequence
757	10	33.3	60	6	CQ548049	CQ548049 Sequence
758	10	33.3	60	6	CQ548143	CQ548143 Sequence
759	10	33.3	60	6	CQ548688	CQ548688 Sequence
c 760	10	33.3	60	6	CQ548690	CQ548690 Sequence
761	10	33.3	60	6	CQ548733	CQ548733 Sequence
c 762	10	33.3	60	6	CQ549532	CQ549532 Sequence
763	10	33.3	60	6	CQ549999	CQ549999 Sequence
764	10	33.3	60	6	CQ550503	CQ550503 Sequence
765	10	33.3	60	6	CQ550593	CQ550593 Sequence
766	10	33.3	60	6	CQ550872	CQ550872 Sequence
c 767	10	33.3	60	6	CQ551132	CQ551132 Sequence
c 768	10	33.3	60	6	CQ551560	CQ551560 Sequence
c 769	10	33.3	60	6	CQ552680	CQ552680 Sequence
c 770	10	33.3	60	6	CQ552714	CQ552714 Sequence
771	10	33.3	60	6	CQ552809	CQ552809 Sequence
772	10	33.3	60	6	CQ552918	CQ552918 Sequence
773	10	33.3	60	6	CQ553244	CQ553244 Sequence
c 774	10	33.3	60	6	CQ553371	CQ553371 Sequence
775	10	33.3	60	6	CQ553404	CQ553404 Sequence
c 776	10	33.3	60	6	CQ553733	CQ553733 Sequence
c 777	10	33.3	60	6	CQ562199	CQ562199 Sequence
c 778	10	33.3	60	6	CQ562438	CQ562438 Sequence
c 779	10	33.3	60	6	CQ562629	CQ562629 Sequence
780	10	33.3	60	6	AX003474	AX003474 Sequence
c 781	10	33.3	60	6	AX934888	AX934888 Sequence
782	10	33.3	60	6	BD087090	BD087090 Erythrovi
783	10	33.3	60	8	CNS019CB	AL111459 Botrytis
c 784	10	33.3	62	6	AR156363	AR156363 Sequence
c 785	10	33.3	62	6	AR255678	AR255678 Sequence
786	10	33.3	63	6	AX360304	AX360304 Sequence
c 787	10	33.3	63	9	S72813	S72813 HLA DQ-A=MH
c 788	10	33.3	63	9	S72814	S72814 HLA DQ-A=MH
789	10	33.3	65	1	PE194K	M26477 Plasmid pE1
c 790	10	33.3	65	6	AR051952	AR051952 Sequence
c 791	10	33.3	65	6	AR159933	AR159933 Sequence
792	10	33.3	65	6	CQ530514	CQ530514 Sequence
c 793	10	33.3	65	6	CQ530717	CQ530717 Sequence
794	10	33.3	65	6	CQ531399	CQ531399 Sequence
c 795	10	33.3	65	6	CQ531465	CQ531465 Sequence
796	10	33.3	65	6	CQ531486	CQ531486 Sequence
c 797	10	33.3	65	6	CQ532051	CQ532051 Sequence
c 798	10	33.3	65	6	CQ532680	CQ532680 Sequence
799	10	33.3	65	6	CQ532861	CQ532861 Sequence
c 800	10	33.3	65	6	CQ533045	CQ533045 Sequence
c 801	10	33.3	65	6	CQ533103	CQ533103 Sequence
802	10	33.3	65	6	CQ533446	CQ533446 Sequence

c	803	10	33.3	65	6	CQ534367	CQ534367 Sequence
c	804	10	33.3	65	6	CQ534506	CQ534506 Sequence
c	805	10	33.3	65	6	CQ534791	CQ534791 Sequence
806	10	33.3	65	6	CQ534906	CQ534906 Sequence	
807	10	33.3	65	6	CQ554252	CQ554252 Sequence	
c	808	10	33.3	65	6	CQ554354	CQ554354 Sequence
809	10	33.3	65	6	CQ554918	CQ554918 Sequence	
810	10	33.3	65	6	CQ555029	CQ555029 Sequence	
811	10	33.3	65	6	CQ555844	CQ555844 Sequence	
c	812	10	33.3	65	6	CQ556343	CQ556343 Sequence
813	10	33.3	65	6	CQ557118	CQ557118 Sequence	
814	10	33.3	65	6	CQ557897	CQ557897 Sequence	
815	10	33.3	65	6	CQ558055	CQ558055 Sequence	
c	816	10	33.3	65	6	CQ558055	CQ558055 Sequence
817	10	33.3	65	6	CQ558081	CQ558081 Sequence	
818	10	33.3	65	6	CQ558410	CQ558410 Sequence	
819	10	33.3	65	6	CQ558585	CQ558585 Sequence	
820	10	33.3	65	6	CQ558901	CQ558901 Sequence	
c	821	10	33.3	65	6	CQ558959	CQ558959 Sequence
822	10	33.3	65	6	CQ559046	CQ559046 Sequence	
823	10	33.3	65	6	CQ559373	CQ559373 Sequence	
c	824	10	33.3	65	6	CQ559424	CQ559424 Sequence
825	10	33.3	65	6	CQ559520	CQ559520 Sequence	
c	826	10	33.3	65	6	CQ560250	CQ560250 Sequence
c	827	10	33.3	65	6	CQ560262	CQ560262 Sequence
828	10	33.3	65	6	CQ560298	CQ560298 Sequence	
c	829	10	33.3	65	6	CQ560364	CQ560364 Sequence
830	10	33.3	65	6	CQ560726	CQ560726 Sequence	
c	831	10	33.3	65	6	CQ560809	CQ560809 Sequence
832	10	33.3	65	6	CQ560867	CQ560867 Sequence	
c	833	10	33.3	65	6	CQ561405	CQ561405 Sequence
c	834	10	33.3	65	6	AR338508	AR338508 Sequence
835	10	33.3	65	6	AX485986	AX485986 Sequence	
836	10	33.3	65	6	AX486271	AX486271 Sequence	
c	837	10	33.3	66	6	AR363844	AR363844 Sequence
c	838	10	33.3	68	6	BD218009	BD218009 Regulation
c	839	10	33.3	68	6	AR274235	AR274235 Sequence
c	840	10	33.3	68	6	AR416910	AR416910 Sequence
c	841	10	33.3	68	6	AX701714	AX701714 Sequence
c	842	10	33.3	68	6	AX977604	AX977604 Sequence
c	843	10	33.3	68	6	BD112463	BD112463 EST and e
844	10	33.3	68	11	BX323624	BX323624 Arabidops	
845	10	33.3	69	6	I79547	I79547 Sequence 20	
c	846	10	33.3	69	6	AX781229	AX781229 Sequence
c	847	10	33.3	69	11	HUMSWX1095	L41187 Human chrom
c	848	10	33.3	70	6	AR092194	AR092194 Sequence
c	849	10	33.3	70	6	AR147236	AR147236 Sequence
850	10	33.3	70	6	AX379078	AX379078 Sequence	
851	10	33.3	70	6	AX397235	AX397235 Sequence	
c	852	10	33.3	70	6	AX538639	AX538639 Sequence
c	853	10	33.3	70	6	AX695042	AX695042 Sequence
854	10	33.3	70	6	AX814418	AX814418 Sequence	
855	10	33.3	71	6	AR054830	AR054830 Sequence	
856	10	33.3	71	6	AR066095	AR066095 Sequence	
857	10	33.3	71	6	I13485	I13485 Sequence 19	
c	858	10	33.3	71	6	AX555098	AX555098 Sequence
c	859	10	33.3	72	8	AY661468	AY661468 Oryza sat

860	10	33.3	72	9	F373291S10	AF373300 Homo sapi
861	10	33.3	72	11	BX323619	BX323619 Arabidops
c 862	10	33.3	75	6	CQ057965	CQ057965 Sequence
c 863	10	33.3	75	6	CQ077270	CQ077270 Sequence
c 864	10	33.3	75	6	CQ108275	CQ108275 Sequence
865	10	33.3	75	6	CQ114716	CQ114716 Sequence
c 866	10	33.3	75	6	CQ146905	CQ146905 Sequence
867	10	33.3	75	6	CQ153597	CQ153597 Sequence
c 868	10	33.3	75	6	CQ182313	CQ182313 Sequence
c 869	10	33.3	75	6	CQ206710	CQ206710 Sequence
c 870	10	33.3	75	6	CQ230131	CQ230131 Sequence
c 871	10	33.3	75	6	CQ268279	CQ268279 Sequence
c 872	10	33.3	75	6	CQ305311	CQ305311 Sequence
c 873	10	33.3	75	6	CQ342510	CQ342510 Sequence
874	10	33.3	75	6	CQ348786	CQ348786 Sequence
875	10	33.3	76	5	GDA2A1	X07339 G.gallus ni
876	10	33.3	76	14	EIU01861	U01861 Equine infe
c 877	10	33.3	77	6	AX899365	AX899365 Sequence
c 878	10	33.3	77	6	BD034898	BD034898 Sequence
879	10	33.3	78	10	AF020402	AF020402 Mus muscu
c 880	10	33.3	79	6	CQ082314	CQ082314 Sequence
c 881	10	33.3	79	6	CQ117050	CQ117050 Sequence
c 882	10	33.3	79	6	CQ155708	CQ155708 Sequence
c 883	10	33.3	79	6	CQ188110	CQ188110 Sequence
c 884	10	33.3	79	6	CQ238891	CQ238891 Sequence
c 885	10	33.3	79	6	CQ276573	CQ276573 Sequence
c 886	10	33.3	79	6	CQ313589	CQ313589 Sequence
c 887	10	33.3	79	6	CQ351064	CQ351064 Sequence
c 888	10	33.3	80	6	CQ796848	CQ796848 Sequence
889	10	33.3	80	6	AR210840	AR210840 Sequence
c 890	10	33.3	80	6	AR210841	AR210841 Sequence
891	10	33.3	80	6	AR428208	AR428208 Sequence
c 892	10	33.3	80	6	AR428209	AR428209 Sequence
893	10	33.3	80	6	BD074965	BD074965 Microbial
c 894	10	33.3	80	6	BD074966	BD074966 Microbial
895	10	33.3	81	3	DROHOMEOAB	L08619 D.melanogas
c 896	10	33.3	83	6	AX386705	AX386705 Sequence
897	10	33.3	84	6	A18614	A18614 H. sapiens
898	10	33.3	84	6	AR063619	AR063619 Sequence
c 899	10	33.3	84	6	BD246391	BD246391 Developme
900	10	33.3	84	6	BD246446	BD246446 Developme
c 901	10	33.3	84	6	AX074347	AX074347 Sequence
c 902	10	33.3	84	6	AX438897	AX438897 Sequence
903	10	33.3	85	11	HUMUT1891B	L30962 Human STS U
c 904	10	33.3	86	6	A94957	A94957 Sequence 42
905	10	33.3	86	6	A94958	A94958 Sequence 43
c 906	10	33.3	87	6	A94959	A94959 Sequence 44
907	10	33.3	87	6	A94960	A94960 Sequence 45
908	10	33.3	87	6	CQ748616	CQ748616 Sequence
c 909	10	33.3	88	6	A94961	A94961 Sequence 46
910	10	33.3	88	6	A94962	A94962 Sequence 47
c 911	10	33.3	88	6	AX031009	AX031009 Sequence
912	10	33.3	89	6	CQ733133	CQ733133 Sequence
913	10	33.3	89	6	CQ808704	CQ808704 Sequence
c 914	10	33.3	89	6	AX900366	AX900366 Sequence
c 915	10	33.3	89	6	BD035899	BD035899 Sequence
916	10	33.3	90	6	CQ081122	CQ081122 Sequence

917	10	33.3	90	6	CQ115638	
918	10	33.3	90	6	CQ154420	Sequence
919	10	33.3	90	6	CQ186981	Sequence
920	10	33.3	90	6	CQ237675	Sequence
921	10	33.3	90	6	CQ275296	Sequence
922	10	33.3	90	6	CQ312268	Sequence
923	10	33.3	90	6	CQ349693	Sequence
c 924	10	33.3	91	11	BX324016	Arabidops
c 925	10	33.3	92	6	CQ114444	Sequence
c 926	10	33.3	92	6	CQ153323	Sequence
c 927	10	33.3	92	6	CQ186244	Sequence
c 928	10	33.3	92	6	CQ236612	Sequence
c 929	10	33.3	92	6	CQ274209	Sequence
c 930	10	33.3	92	6	CQ311381	Sequence
c 931	10	33.3	92	6	CQ348517	Sequence
c 932	10	33.3	92	6	AX909101	Sequence
c 933	10	33.3	92	6	BD044634	Sequence
c 934	10	33.3	93	6	A21467	A21467 oligonucleo
935	10	33.3	93	6	A21468	A21468 oligonucleo
c 936	10	33.3	94	6	BD178955	BD178955 Blood flo
c 937	10	33.3	94	6	AR452689	AR452689 Sequence
938	10	33.3	94	6	AX645275	AX645275 Sequence
939	10	33.3	94	6	AX676436	AX676436 Sequence
c 940	10	33.3	94	6	BD094003	BD094003 Prophylac
941	10	33.3	95	13	AY262456	AY262456 Unculture
c 942	10	33.3	96	6	AR005214	AR005214 Sequence
943	10	33.3	96	6	AR005215	AR005215 Sequence
c 944	10	33.3	96	6	AR071706	AR071706 Sequence
945	10	33.3	96	6	AR071707	AR071707 Sequence
c 946	10	33.3	96	6	I25172	I25172 Sequence 7
947	10	33.3	96	6	I25173	I25173 Sequence 8
c 948	10	33.3	96	6	AR452607	AR452607 Sequence
949	10	33.3	96	6	AR452608	AR452608 Sequence
c 950	10	33.3	96	6	AX394193	AX394193 Sequence
951	10	33.3	96	6	AX394194	AX394194 Sequence
c 952	10	33.3	96	6	BD093852	BD093852 Antibody
c 953	10	33.3	96	10	S78606S8	S78627 MAOA=monoam
954	10	33.3	97	6	AR017647	AR017647 Sequence
955	10	33.3	97	6	AR094824	AR094824 Sequence
956	10	33.3	97	6	AR165483	AR165483 Sequence
957	10	33.3	97	6	AR304685	AR304685 Sequence
958	10	33.3	97	8	ATH520913	AJ520913 Arabidops
959	10	33.3	98	4	SSAJ3750	AJ223750 Sus scrof
960	10	33.3	98	6	AX031022	AX031022 Sequence
961	10	33.3	98	6	AX083535	AX083535 Sequence
962	10	33.3	98	10	AF357362	AF357362 Mus muscu
c 963	10	33.3	99	6	AX769938	AX769938 Sequence
c 964	10	33.3	99	6	AX769969	AX769969 Sequence
c 965	10	33.3	99	6	AX769972	AX769972 Sequence
966	10	33.3	99	11	G34988	G34988 DBX human S
967	10	33.3	100	5	XLRPL21	X64210 Xenopus lae
968	10	33.3	100	6	CQ000414	CQ000414 Sequence
969	10	33.3	100	6	CQ000415	CQ000415 Sequence
c 970	10	33.3	100	6	CQ080531	CQ080531 Sequence
c 971	10	33.3	100	6	CQ114642	CQ114642 Sequence
c 972	10	33.3	100	6	CQ153522	CQ153522 Sequence
c 973	10	33.3	100	6	CQ186341	CQ186341 Sequence

c 974	10	33.3	100	6	CQ236799	CQ236799 Sequence
c 975	10	33.3	100	6	CQ274394	CQ274394 Sequence
c 976	10	33.3	100	6	CQ311512	CQ311512 Sequence
c 977	10	33.3	100	6	CQ348713	CQ348713 Sequence
c 978	10	33.3	100	6	CQ664949	CQ664949 Sequence
979	10	33.3	100	6	AR245994	AR245994 Sequence
c 980	10	33.3	100	6	AX023648	AX023648 Sequence
c 981	10	33.3	100	6	AX023649	AX023649 Sequence
982	10	33.3	100	6	AX988630	AX988630 Sequence
c 983	10	33.3	100	6	AX989467	AX989467 Sequence
984	10	33.3	100	6	AX989708	AX989708 Sequence
985	10	33.3	100	6	AX989709	AX989709 Sequence
c 986	10	33.3	100	6	AX990459	AX990459 Sequence
987	10	33.3	100	6	AX991160	AX991160 Sequence
988	10	33.3	100	6	AX991161	AX991161 Sequence
989	10	33.3	100	6	AX991162	AX991162 Sequence
990	10	33.3	100	6	AX992432	AX992432 Sequence
991	10	33.3	100	6	AX992433	AX992433 Sequence
c 992	10	33.3	100	6	AX992531	AX992531 Sequence
c 993	10	33.3	100	6	AX992532	AX992532 Sequence
c 994	10	33.3	100	6	AX994593	AX994593 Sequence
c 995	10	33.3	100	6	AX995304	AX995304 Sequence
996	10	33.3	100	6	AX995905	AX995905 Sequence
997	10	33.3	100	6	AX995906	AX995906 Sequence
c 998	10	33.3	100	6	AX996301	AX996301 Sequence
999	10	33.3	100	6	AX997250	AX997250 Sequence
c1000	10	33.3	100	6	AX997351	AX997351 Sequence

GenCore version 5.1.6

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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 03:50:11 ; Search time 123.402 Seconds  
(without alignments)  
1276.175 Million cell updates/sec

Title: US-09-463-209D-1\_COPY\_54\_83

Perfect score: 30

Sequence: 1 aggtggaagcatggtgacatgtggagctga 30

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 4134886 seqs, 2624710521 residues

Word size : 10

Total number of hits satisfying chosen parameters: 1587

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

Database : N\_Geneseq\_23Sep04:  
1: geneseqn1980s:  
2: geneseqn1990s:  
3: geneseqn2000s:  
4: geneseqn2001as:  
5: geneseqn2001bs:  
6: geneseqn2002as:  
7: geneseqn2002bs:  
8: geneseqn2003as:  
9: geneseqn2003bs:  
10: geneseqn2003cs:  
11: geneseqn2003ds:  
12: geneseqn2004s:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

%

Result	Query					Description
No.	Score	Match	Length	DB	ID	Description
1	27	90.0	77	2	AAV79255	Aav79255 Staphyloc
2	18	60.0	18	2	AAX02741	Aax02741 S. aureus
3	15	50.0	20	10	ABZ89848	Abz89848 Human oli
4	15	50.0	20	11	ABD26078	Abd26078 AA463249-
c 5	14	46.7	31	2	AAQ65372	Aaq65372 Fish gona
c 6	14	46.7	50	10	ADG84324	Adg84324 Human TMD

c	7	13	43.3	20	2	AAQ65364	Aaq65364 Fish gona
c	8	13	43.3	20	10	ACF17108	Acf17108 Human NOV
	9	13	43.3	21	12	ADK95598	Adk95598 Primer of
c	10	13	43.3	21	12	ADN36650	Adn36650 Human pro
c	11	13	43.3	21	12	ADN36620	Adn36620 Human pro
c	12	13	43.3	21	12	ADN36619	Adn36619 Human pro
c	13	13	43.3	23	10	ADD13887	Add13887 Human vH
	14	13	43.3	27	2	AAX04762	Aax04762 Antisense
	15	13	43.3	27	5	AAF61794	Aaf61794 B. brevis
c	16	13	43.3	33	5	AAI71548	Aai71548 Human rib
c	17	13	43.3	33	6	ABA95346	Aba95346 Human nat
c	18	13	43.3	37	3	AAA05919	Aaa05919 Group B S
	19	13	43.3	43	2	AAV31595	Aav31595 Fragment
	20	13	43.3	43	8	ACA63329	Aca63329 Self asse
c	21	13	43.3	65	6	ABN55160	Abn55160 Mouse spl
c	22	13	43.3	100	8	ACD79160	Acd79160 E. coli K
c	23	13	43.3	100	8	ACD79159	Acd79159 E. coli K
	24	12	40.0	19	2	AAV72767	Aav72767 Corn kern
c	25	12	40.0	19	12	ADI26828	Adi26828 Mouse cyc
c	26	12	40.0	20	4	AAH38365	Aah38365 SNP speci
	27	12	40.0	20	6	ABN80850	Abn80850 Human cas
	28	12	40.0	20	10	ABZ89847	Abz89847 Human oli
	29	12	40.0	20	11	ABD26077	Abd26077 AA463249-
	30	12	40.0	20	12	ADP81985	Adp81985 Human MAL
c	31	12	40.0	21	12	ADN36649	Adn36649 Human pro
c	32	12	40.0	22	12	ADO12584	Ado12584 Single mu
	33	12	40.0	24	6	ABQ04118	Abq04118 Oligonucl
	34	12	40.0	24	6	ABQ10405	Abq10405 Oligonucl
c	35	12	40.0	24	6	ABQ04077	Abq04077 Oligonucl
c	36	12	40.0	24	6	ABQ10368	Abq10368 Oligonucl
c	37	12	40.0	24	6	ABQ00041	Abq00041 Oligonucl
c	38	12	40.0	25	6	ABQ11904	Abq11904 Oligonucl
	39	12	40.0	25	6	ABQ11941	Abq11941 Oligonucl
c	40	12	40.0	25	6	ADH49254	Adh49254 NOV90 PCR
c	41	12	40.0	25	8	ACC70843	Acc70843 Human G-p
c	42	12	40.0	25	12	ADP16203	Adp16203 Renal cel
c	43	12	40.0	30	4	AAS12176	Aas12176 Human pot
	44	12	40.0	31	10	ABZ77865	Abz77865 Cytosine
	45	12	40.0	33	6	ABK89450	Abk89450 Human zin
	46	12	40.0	33	6	ABK11059	Abk11059 Polypepti
	47	12	40.0	37	4	AAS42870	Aas42870 Human G P
	48	12	40.0	38	6	ACN26034	Acn26034 WNV minus
c	49	12	40.0	40	2	AAT70614	Aat70614 Ligand L9
	50	12	40.0	40	6	ABQ78876	Abq78876 PCR prime
	51	12	40.0	41	6	ABK11062	Abk11062 Polypepti
	52	12	40.0	41	6	ABK11061	Abk11061 Polypepti
c	53	12	40.0	50	2	AAQ31956	Aaq31956 P53 bindi
c	54	12	40.0	50	4	AAI76449	Aai76449 Human sil
c	55	12	40.0	50	4	AAI76447	Aai76447 Human sil
	56	12	40.0	51	4	AAL29834	Aal29834 Human SNP
c	57	12	40.0	51	4	AAL33023	Aal33023 Human SNP
c	58	12	40.0	51	4	AAI76446	Aai76446 Human sil
	59	12	40.0	51	4	AAI79865	Aai79865 Human non
c	60	12	40.0	51	4	AAI76448	Aai76448 Human sil
c	61	12	40.0	51	5	ABL00379	Abl00379 Human sil
	62	12	40.0	52	2	AAV79407	Aav79407 Staphyloc
c	63	12	40.0	52	2	AAV79392	Aav79392 Staphyloc

64	12	40.0	53	2	AAQ25716	Aaq25716 Sequence
c 65	12	40.0	55	6	ABV97391	Abv97391 Human pan
66	12	40.0	60	6	ABN40537	Abn40537 Human spl
c 67	12	40.0	60	6	ABN35832	Abn35832 Human spl
c 68	12	40.0	60	6	ABN48503	Abn48503 Human spl
c 69	12	40.0	60	6	ABN34079	Abn34079 Human spl
70	12	40.0	65	6	ABN28711	Abn28711 Rat splic
c 71	12	40.0	65	6	ABN57443	Abn57443 Mouse spl
72	12	40.0	65	6	ABN27474	Abn27474 Rat splic
73	12	40.0	69	2	AAT25559	Aat25559 Human gen
c 74	12	40.0	72	2	AAX85094	Aax85094 Periphera
c 75	12	40.0	80	12	ADM95774	Adm95774 Rat antis
76	12	40.0	81	9	ACC85413	Acc85413 Xylanase
77	12	40.0	93	8	ABT14836	Abt14836 Human Bcl
c 78	12	40.0	95	10	ADF38125	Adf38125 Synchroni
79	12	40.0	100	8	ACD79369	Acd79369 E. coli K
80	12	40.0	100	8	ACD70061	Acd70061 E. coli K
81	12	40.0	100	8	ACD79368	Acd79368 E. coli K
82	12	40.0	100	8	ACD70062	Acd70062 E. coli K
c 83	11	36.7	14	6	ABQ83255	Abq83255 Expressed
c 84	11	36.7	17	2	AAT53786	Aat53786 Rat ICAM
85	11	36.7	17	2	AAX04764	Aax04764 Antisense
86	11	36.7	17	6	ABK57124	Abk57124 Human CLC
87	11	36.7	17	6	ABK57621	Abk57621 Human CLC
88	11	36.7	17	6	ABK56429	Abk56429 Human CLC
c 89	11	36.7	17	11	ADL49528	Adl49528 Human PKR
c 90	11	36.7	17	11	ADL49529	Adl49529 Human PKR
c 91	11	36.7	17	11	ADL50027	Adl50027 Human PKR
c 92	11	36.7	17	11	ADL49526	Adl49526 Human PKR
c 93	11	36.7	17	11	ADL48897	Adl48897 Human PKR
c 94	11	36.7	17	11	ADL49527	Adl49527 Human PKR
c 95	11	36.7	18	2	AAQ70352	Aaq70352 Antisense
c 96	11	36.7	18	2	AAQ70337	Aaq70337 Antisense
c 97	11	36.7	18	2	AAQ70358	Aaq70358 Antisense
c 98	11	36.7	18	2	AAT64406	Aat64406 Protein k
c 99	11	36.7	18	2	AAT74240	Aat74240 Mouse bg
c 100	11	36.7	18	2	AAV55621	Aav55621 Down-regu
c 101	11	36.7	18	10	ADD10675	Add10675 Protein k
c 102	11	36.7	18	10	ADD10681	Add10681 Protein k
103	11	36.7	18	11	ADM06763	Adm06763 Human PCR
104	11	36.7	19	6	ABQ93927	Abq93927 Human NOV
105	11	36.7	19	12	ADH01974	Adh01974 Protein t
106	11	36.7	19	12	ADH01975	Adh01975 Protein t
c 107	11	36.7	19	12	ADK98125	Adk98125 Primer of
108	11	36.7	19	12	ADO10110	Ado10110 Novel hum
109	11	36.7	19	12	ADO16483	Ado16483 4 synthes
110	11	36.7	19	12	ADP11979	Adp11979 Set 2 rig
c 111	11	36.7	20	4	AAD12161	Aad12161 Rat PTP1B
112	11	36.7	20	6	ABK68032	Abk68032 Mouse HYP
c 113	11	36.7	20	6	ABK85236	Abk85236 Rat PTPB1
c 114	11	36.7	20	6	ABK37405	Abk37405 Rat PTP1B
115	11	36.7	20	6	ABK70936	Abk70936 Mouse HYP
c 116	11	36.7	20	6	ABI93534	Abi93534 Capture o
117	11	36.7	20	8	AAD55329	Aad55329 Human PKR
118	11	36.7	20	8	ABT43263	Abt43263 Neuroblas
119	11	36.7	20	8	ABT32375	Abt32375 Neuroblas
120	11	36.7	20	9	ADA15075	Ada15075 Mouse HYP

121	11	36.7	20	9	ADB95637	Adb95637 Mouse HYP
122	11	36.7	20	10	ABZ89849	Abz89849 Human oli
123	11	36.7	20	11	ABD26079	Abd26079 AA463249-
c 124	11	36.7	20	12	ADI13966	Adi13966 Antisense
c 125	11	36.7	20	12	ADI26893	Adi26893 Cyclin de
c 126	11	36.7	20	12	ADI26957	Adi26957 Cyclin de
127	11	36.7	20	12	ADI27033	Adi27033 Cyclin de
128	11	36.7	20	12	ADI27075	Adi27075 Cyclin de
129	11	36.7	20	12	ADI34796	Adi34796 Clusterin
c 130	11	36.7	20	12	ADJ85904	Adj85904 Nucleic a
131	11	36.7	20	12	ADJ38650	Adj38650 Human res
c 132	11	36.7	20	12	ADO51157	Ado51157 Human tra
133	11	36.7	21	2	AAQ12618	Aaq12618 Antisense
c 134	11	36.7	21	2	AAQ43321	Aaq43321 Sequence
c 135	11	36.7	21	2	AAQ70357	Aaq70357 Antisense
c 136	11	36.7	21	2	AAQ70351	Aaq70351 Antisense
137	11	36.7	21	2	AAT99968	Aat99968 Primer P0
c 138	11	36.7	21	2	AAZ30649	Aaz30649 Primer O
c 139	11	36.7	21	2	AAX04577	Aax04577 PCR prime
140	11	36.7	21	2	AAZ20509	Aaz20509 PCR prime
141	11	36.7	21	3	AAZ77414	Aaz77414 Human bia
142	11	36.7	21	5	AAF81063	Aaf81063 PCR prime
143	11	36.7	21	6	ABK46908	Abk46908 COX-2 ant
c 144	11	36.7	21	6	ABK11110	Abk11110 Forward P
145	11	36.7	21	8	AAL51986	Aal51986 FGFR RT-P
146	11	36.7	21	10	ADD00737	Add00737 Anti-HCV
c 147	11	36.7	21	10	ACF80622	Acf80622 Human lip
148	11	36.7	21	10	ADG92020	Adg92020 Schizophr
c 149	11	36.7	21	10	ABZ84324	Abz84324 Toxicolog
c 150	11	36.7	21	12	ADJ34427	Adj34427 Human sec
c 151	11	36.7	21	12	ADK98529	Adk98529 Human pro
c 152	11	36.7	22	2	AAT44676	Aat44676 Human pap
c 153	11	36.7	22	2	AAT77912	Aat77912 Human pap
c 154	11	36.7	22	4	AAH45059	Aah45059 TOL2 tran
155	11	36.7	22	5	AAF81113	Aaf81113 PCR prime
c 156	11	36.7	22	12	ADO42863	Ado42863 Primer of
c 157	11	36.7	23	2	AAT69145	Aat69145 Primer fo
158	11	36.7	23	4	AAC84592	Aac84592 Corn cDNA
159	11	36.7	23	4	AAI66927	Aai66927 SSP2 cDNA
c 160	11	36.7	23	6	ABK10365	Abk10365 Rat trans
161	11	36.7	23	6	ABL40763	Abl40763 3' primer
162	11	36.7	23	6	AAL50088	Aal50088 HS1 gene
c 163	11	36.7	23	6	ABA95108	Aba95108 TGFbeta1
c 164	11	36.7	23	10	ADC18715	Adc18715 Rat TGF1b
c 165	11	36.7	23	12	ADO52022	Ado52022 Rat trans
c 166	11	36.7	24	2	AAQ70356	Aaq70356 Antisense
c 167	11	36.7	24	2	AAQ70355	Aaq70355 Antisense
168	11	36.7	24	6	ABS56959	Abs56959 Pap phosp
c 169	11	36.7	24	6	ABI84638	Abi84638 Capture o
170	11	36.7	24	6	ABI83639	Abi83639 Capture o
c 171	11	36.7	24	6	ABI83638	Abi83638 Capture o
172	11	36.7	24	6	ABI84639	Abi84639 Capture o
173	11	36.7	25	2	AAT94937	Aat94937 Primer #1
174	11	36.7	25	2	AAT94939	Aat94939 Primer #1
175	11	36.7	25	3	AAA75575	Aaa75575 PCR prime
c 176	11	36.7	25	4	AAH76497	Aah76497 Mouse TGF
c 177	11	36.7	25	4	ABX14862	Abx14862 Allyl alc

c 178	11	36.7	25	5	ADI10126	Adi10126 Sense pri
179	11	36.7	25	6	AAS20678	Aas20678 Mouse Mar
180	11	36.7	25	9	ACI36512	Aci36512 Human mic
c 181	11	36.7	25	9	ACI72603	Aci72603 Human mic
182	11	36.7	25	9	ACI36513	Aci36513 Human mic
c 183	11	36.7	25	9	ACI20425	Aci20425 Human mic
c 184	11	36.7	25	9	ACI58474	Aci58474 Human mic
c 185	11	36.7	25	9	ACK10932	Ack10932 Human mic
186	11	36.7	25	9	ACI52416	Aci52416 Human mic
c 187	11	36.7	25	9	ACK05751	Ack05751 Human mic
c 188	11	36.7	25	9	ACI52599	Aci52599 Human mic
189	11	36.7	25	9	ACK26050	Ack26050 Human mic
c 190	11	36.7	25	9	ACI20424	Aci20424 Human mic
c 191	11	36.7	25	9	ACH58347	Ach58347 DNA targe
192	11	36.7	25	10	ADC54120	Adc54120 PCR prime
193	11	36.7	25	10	ADH44615	Adh44615 Mouse Zal
194	11	36.7	25	10	ADI00951	Adi00951 PCR prime
195	11	36.7	25	12	ADP19774	Adp19774 Mouse zal
c 196	11	36.7	25	12	ADP15562	Adp15562 Renal cel
c 197	11	36.7	25	12	ADP15563	Adp15563 Renal cel
c 198	11	36.7	25	12	ADP16957	Adp16957 Renal cel
199	11	36.7	26	2	AAV31588	Aav31588 P1P94 seq
c 200	11	36.7	26	4	AAF16843	Aaf16843 Putative
c 201	11	36.7	26	4	AAF17487	Aaf17487 Putative
c 202	11	36.7	26	4	AAC99424	Aac99424 Primer #3
c 203	11	36.7	26	6	ABT06628	Abt06628 PDZ domai
c 204	11	36.7	26	6	ABQ96666	Abq96666 prIL16 PD
c 205	11	36.7	26	10	AAL57023	Aal57023 Murine VE
c 206	11	36.7	27	2	AAQ70354	Aaq70354 Antisense
207	11	36.7	27	3	AAA46050	Aaa46050 Human G p
208	11	36.7	27	3	AAD01149	Aad01149 Human orp
c 209	11	36.7	27	4	AAH43355	Aah43355 TGF-beta
210	11	36.7	27	8	ACA93287	Aca93287 Human GPC
211	11	36.7	27	10	ADG98797	Adg98797 Human RUP
212	11	36.7	27	11	ADJ26960	Adj26960 Human end
213	11	36.7	27	12	ADG86414	Adg86414 Human end
214	11	36.7	27	12	ADP20207	Adp20207 Human G p
c 215	11	36.7	29	2	AAV29207	Aav29207 Mouse cAM
216	11	36.7	29	3	AAF00027	Aaf00027 Hammerhea
217	11	36.7	29	3	AAF06937	Aaf06937 Hammerhea
218	11	36.7	29	3	AAC66568	Aac66568 Human FGF
c 219	11	36.7	30	2	AAQ27385	Aaq27385 Proviral
c 220	11	36.7	30	8	AAL60803	Aal60803 Human ful
221	11	36.7	30	10	AAD60351	Aad60351 Leader F
222	11	36.7	31	4	AAI30133	Aai30133 Human sin
c 223	11	36.7	31	8	ACD43710	Acd43710 Human gen
224	11	36.7	33	4	AAF74476	Aaf74476 Clone 213
c 225	11	36.7	33	6	ABA82770	Aba82770 Human pro
c 226	11	36.7	33	6	ABL49787	Abl49787 Human Kaz
c 227	11	36.7	33	6	ABL55648	Abl55648 Human CD6
c 228	11	36.7	34	9	ACF06024	Acf06024 Human NAD
c 229	11	36.7	34	10	ADF56663	Adf56663 Human mem
c 230	11	36.7	34	12	ADL18641	Adl18641 Human NAD
c 231	11	36.7	35	2	AAX04126	Aax04126 PEBP2-alp
232	11	36.7	36	2	AAT52944	Aat52944 Mouse ICA
233	11	36.7	36	2	AAT53046	Aat53046 Mouse ICA
c 234	11	36.7	36	2	AAT85380	Aat85380 Human gro

c 235	11	36.7	36	3	AAZ49328	Aaz49328 HTTER36 P
c 236	11	36.7	36	6	ABS52886	Abs52886 Human gro
c 237	11	36.7	36	10	AAD60628	Aad60628 Human HTT
238	11	36.7	37	2	AAQ71344	Aaq71344 Antisense
239	11	36.7	38	2	AAX02135	Aax02135 Human FEN
240	11	36.7	38	6	ABK19850	Abk19850 Human ERG
241	11	36.7	38	6	ABK58310	Abk58310 Human CLC
242	11	36.7	38	6	ACN27552	Acn27552 WNV minus
243	11	36.7	38	6	ACN15487	Acn15487 WNV Hamme
c 244	11	36.7	39	4	AAF27910	Aaf27910 Human NOV
c 245	11	36.7	39	9	ACD40314	Acd40314 Breast tu
c 246	11	36.7	39	11	ADM56449	Adm56449 Human cel
c 247	11	36.7	39	12	ADF66812	Adf66812 Novel hum
c 248	11	36.7	39	12	ADI19849	Adi19849 Human NOV
c 249	11	36.7	39	12	ADO60322	Ado60322 Human NOV
c 250	11	36.7	40	6	ABT12132	Abt12132 E coli ex
251	11	36.7	40	6	ABT12131	Abt12131 E coli ex
c 252	11	36.7	41	2	AAV50564	Aav50564 Brassica
c 253	11	36.7	41	5	ABZ72271	Abz72271 Gene 216
c 254	11	36.7	41	5	ABZ72272	Abz72272 Gene 216
c 255	11	36.7	41	5	AAI171550	Aai171550 Human rib
c 256	11	36.7	41	5	AAI171551	Aai171551 Human rib
c 257	11	36.7	41	6	ABL49789	Abl49789 Human Kaz
c 258	11	36.7	41	6	ABA95349	Aba95349 Human nat
c 259	11	36.7	41	6	ABA95348	Aba95348 Human nat
c 260	11	36.7	41	6	ABL55650	Ab155650 Human CD6
261	11	36.7	41	6	ABA05514	Aba05514 Human N-a
262	11	36.7	41	6	ABZ44933	Abz44933 Human ald
263	11	36.7	41	6	ABZ48553	Abz48553 Human mic
264	11	36.7	41	6	ABZ48766	Abz48766 Human ald
265	11	36.7	41	6	ABZ43276	Abz43276 Human mic
c 266	11	36.7	41	6	ABL96021	Abl96021 Brassica
c 267	11	36.7	41	8	ABX75240	Abx75240 Human gen
c 268	11	36.7	41	8	ABX75124	Abx75124 Human gen
c 269	11	36.7	41	8	ABX75125	Abx75125 Human gen
c 270	11	36.7	41	8	ABX75239	Abx75239 Human gen
c 271	11	36.7	41	12	ADH05387	Adh05387 Gene poly
c 272	11	36.7	41	12	ADJ36853	Adj36853 Gene 216
c 273	11	36.7	41	12	ADJ36985	Adj36985 Gene 216
c 274	11	36.7	41	12	ADJ36852	Adj36852 Gene 216
c 275	11	36.7	41	12	ADJ36984	Adj36984 Gene 216
c 276	11	36.7	41	12	ADH91174	Adh91174 1-beta-me
c 277	11	36.7	41	12	ADL81431	Adl81431 Gene 216
c 278	11	36.7	41	12	ADL81563	Adl81563 Gene 216
c 279	11	36.7	41	12	ADL81430	Adl81430 Gene 216
c 280	11	36.7	41	12	ADL81562	Adl81562 Gene 216
281	11	36.7	42	2	AAQ46639	Aaq46639 PCR prime
282	11	36.7	42	2	AAQ56161	Aaq56161 Sense pri
283	11	36.7	42	5	AAH25217	Aah25217 PCR prime
284	11	36.7	42	8	ABZ22317	Abz22317 Human TNA
c 285	11	36.7	43	2	AAX04128	Aax04128 PEBP2-alp
c 286	11	36.7	43	8	ABZ24667	Abz24667 Colony st
c 287	11	36.7	45	2	AAQ06062	Aaq06062 Probe use
c 288	11	36.7	46	2	AAX78331	Aax78331 Expressio
289	11	36.7	46	2	AAX78332	Aax78332 Expressio
290	11	36.7	46	10	ADC64093	Adc64093 Polyhydro
291	11	36.7	46	12	ADG01858	Adg01858 Copper ph

c 292	11	36.7	47	2	AAT34833	Aat34833 Primer us
c 293	11	36.7	48	3	AAC87763	Aac87763 SNORF36 r
294	11	36.7	50	4	AAH90374	Aah90374 Human clo
c 295	11	36.7	50	6	ABZ06418	Abz06418 Human leu
c 296	11	36.7	50	6	ABZ04250	Abz04250 Human leu
297	11	36.7	50	6	ABZ06808	Abz06808 Human leu
c 298	11	36.7	51	3	AAA77148	Aaa77148 Human clo
c 299	11	36.7	51	3	AAA77149	Aaa77149 Human clo
c 300	11	36.7	51	4	AAL29332	Aal29332 Human SNP
c 301	11	36.7	51	4	AAI79005	Aai79005 Human sil
c 302	11	36.7	51	4	AAI79004	Aai79004 Human sil
303	11	36.7	51	4	AAH90376	Aah90376 Human clo
304	11	36.7	51	4	AAH90373	Aah90373 Human clo
305	11	36.7	51	4	AAH90375	Aah90375 Human clo
306	11	36.7	51	4	AAH40704	Aah40704 Human SNP
307	11	36.7	56	12	ADN00056	Adn00056 Human CRH
308	11	36.7	57	6	ACN25583	Acn25583 WNV Amber
c 309	11	36.7	57	8	ACC58773	Acc58773 Foetal my
310	11	36.7	58	6	AAS17702	Aas17702 PCR prime
311	11	36.7	58	6	AAS17703	Aas17703 PCR prime
312	11	36.7	60	2	AAV13216	Aav13216 Primer AS
313	11	36.7	60	2	AAV17641	Aav17641 Mouse BCL
314	11	36.7	60	6	ABN38674	Abn38674 Human spl
315	11	36.7	60	6	ABN50044	Abn50044 Human spl
c 316	11	36.7	60	6	ABN34858	Abn34858 Human spl
c 317	11	36.7	60	6	ABN38628	Abn38628 Human spl
318	11	36.7	60	6	ABN41112	Abn41112 Human spl
319	11	36.7	60	6	ABN40184	Abn40184 Human spl
320	11	36.7	60	6	ABN48634	Abn48634 Human spl
321	11	36.7	60	6	ABN39192	Abn39192 Human spl
322	11	36.7	60	6	ABN45555	Abn45555 Human spl
c 323	11	36.7	60	6	ABN45670	Abn45670 Human spl
324	11	36.7	60	10	ADD31560	Add31560 Ang-2 bin
325	11	36.7	61	2	AAV76341	Aav76341 Staphyloc
c 326	11	36.7	65	6	ABN51201	Abn51201 Mouse spl
327	11	36.7	65	6	ABN56354	Abn56354 Mouse spl
328	11	36.7	65	6	ABN55910	Abn55910 Mouse spl
c 329	11	36.7	65	6	ABN28224	Abn28224 Rat splic
c 330	11	36.7	65	6	ABN30449	Abn30449 Rat splic
c 331	11	36.7	65	12	ADP97562	Adp97562 C. albica
c 332	11	36.7	69	2	AAT69606	Aat69606 Human Ob
c 333	11	36.7	69	4	AAD20522	Aad20522 Hammer he
c 334	11	36.7	69	4	AAF24026	Aaf24026 Human ObR
c 335	11	36.7	69	6	AAD41477	Aad41477 Hammerhea
c 336	11	36.7	69	6	AAD42334	Aad42334 Hammerhea
c 337	11	36.7	69	6	AAD38264	Aad38264 Hammerhea
c 338	11	36.7	69	9	AAL57492	Aal57492 Human lep
c 339	11	36.7	69	12	ADG62995	Adg62995 Human ObR
340	11	36.7	70	12	ADG28566	Adg28566 SYN80 F11
c 341	11	36.7	71	2	AAT57812	Aat57812 L-selecti
c 342	11	36.7	71	9	ADA22044	Ada22044 HGF aptam
c 343	11	36.7	74	4	AAF83274	Aaf83274 S. cerevi
344	11	36.7	75	9	ACC84976	Acc84976 Human thr
345	11	36.7	78	4	ABA71213	Aba71213 Human foe
346	11	36.7	78	4	AAK45503	Aak45503 Human bon
347	11	36.7	78	4	AAK19512	Aak19512 Human bra
348	11	36.7	78	4	ABS45189	Abs45189 Human liv

c 349	11	36.7	78	6	ABS19613	Abs19613 Human gen
350	11	36.7	78	6	ABS19771	Abs19771 Human gen
351	11	36.7	80	12	ADM79859	Adm79859 DNA ligan
c 352	11	36.7	80	12	ADM95305	Adm95305 Rat antis
353	11	36.7	82	12	ACH92828	Ach92828 Human gen
c 354	11	36.7	90	6	ABK36944	Abk36944 Human DNA
c 355	11	36.7	93	12	ADJ53325	Adj53325 Primer co
356	11	36.7	94	4	AAI21592	Aai21592 Probe #11
357	11	36.7	94	4	ABA66665	Aba66665 Human foe
358	11	36.7	94	4	AAI46879	Aai46879 Probe #15
359	11	36.7	94	4	ABA48756	Aba48756 Human bre
360	11	36.7	94	4	ABA33728	Aba33728 Probe #12
361	11	36.7	94	4	AAK40823	Aak40823 Human bon
362	11	36.7	94	4	AAK15095	Aak15095 Human bra
363	11	36.7	94	4	ABS40402	Abs40402 Human liv
364	11	36.7	94	5	AAI07287	Aai07287 Probe #72
365	11	36.7	94	6	ABS14774	Abs14774 Human gen
c 366	11	36.7	96	12	ACH85808	Ach85808 Human gen
c 367	11	36.7	99	4	ABA07251	Aba07251 Human pan
c 368	11	36.7	99	4	AAK89892	Aak89892 Human dig
c 369	11	36.7	100	8	ACD74638	Acd74638 E. coli K
370	11	36.7	100	8	ACD77719	Acd77719 E. coli K
371	11	36.7	100	8	ACD73815	Acd73815 E. coli K
c 372	11	36.7	100	8	ACD69020	Acd69020 E. coli K
373	10	33.3	10	3	AAZ85851	Aaz85851 Metastati
374	10	33.3	11	6	ABV62804	Abv62804 Human ski
375	10	33.3	11	6	ABV70225	Abv70225 Human ski
c 376	10	33.3	13	12	ADL72844	Adl72844 CDNA tag
c 377	10	33.3	15	2	AAX31239	Aax31239 Tag seque
c 378	10	33.3	15	2	AAX31566	Aax31566 Tag seque
379	10	33.3	15	4	AAF47578	Aaf47578 IGFBP3 ol
c 380	10	33.3	15	4	AAF52256	Aaf52256 IGF-I oli
381	10	33.3	15	4	AAF47579	Aaf47579 IGFBP3 ol
382	10	33.3	15	4	AAF47580	Aaf47580 IGFBP3 ol
383	10	33.3	15	4	AAF47582	Aaf47582 IGFBP3 ol
c 384	10	33.3	15	4	AAF52255	Aaf52255 IGF-I oli
c 385	10	33.3	15	4	AAF52260	Aaf52260 IGF-I oli
386	10	33.3	15	4	AAF47581	Aaf47581 IGFBP3 ol
387	10	33.3	15	4	AAF47583	Aaf47583 IGFBP3 ol
c 388	10	33.3	15	4	AAF52258	Aaf52258 IGF-I oli
c 389	10	33.3	15	4	AAF52257	Aaf52257 IGF-I oli
c 390	10	33.3	15	4	AAF52259	Aaf52259 IGF-I oli
c 391	10	33.3	15	6	ABK32193	Abk32193 Human col
c 392	10	33.3	15	6	ABK32520	Abk32520 Human pan
393	10	33.3	15	6	ABL94713	Abl94713 Rat VR1 a
c 394	10	33.3	16	2	AAQ29795	Aaq29795 A allele
395	10	33.3	16	6	ABQ74157	Abq74157 HCMV sequ
396	10	33.3	16	6	ABL94717	Abl94717 Rat VR1 a
c 397	10	33.3	17	2	AAT53508	Aat53508 Rat ICAM
398	10	33.3	17	2	AAV20557	Aav20557 Human BRC
399	10	33.3	17	2	AAV20558	Aav20558 Human BRC
c 400	10	33.3	17	2	AAA21315	Aaa21315 Integrin
401	10	33.3	17	6	ABK57634	Abk57634 Human CLC
402	10	33.3	17	6	ABK57134	Abk57134 Human CLC
403	10	33.3	17	6	ABK56449	Abk56449 Human CLC
404	10	33.3	17	6	ABK57349	Abk57349 Human CLC
405	10	33.3	17	6	ABK56907	Abk56907 Human CLC

406	10	33.3	17	6	ABK57620	Abk57620 Human CLC
407	10	33.3	17	6	ABK57622	Abk57622 Human CLC
408	10	33.3	17	6	ABL94720	Ab194720 Rat VR1 a
409	10	33.3	17	6	ACN14488	Acn14488 WNV minus
c 410	10	33.3	17	6	ACN01072	Acn01072 WNV Hammie
c 411	10	33.3	17	6	ACN02904	Acn02904 WNV Inozy
c 412	10	33.3	17	6	ACN02905	Acn02905 WNV Inozy
c 413	10	33.3	17	6	ACN04378	Acn04378 WNV Zinzy
414	10	33.3	17	6	ACN13753	Acn13753 WNV minus
415	10	33.3	17	6	ACN14487	Acn14487 WNV minus
c 416	10	33.3	17	6	ACN02906	Acn02906 WNV Inozy
417	10	33.3	17	6	ACN12610	Acn12610 WNV minus
418	10	33.3	17	6	ACN10280	Acn10280 WNV minus
419	10	33.3	17	8	ABT38993	Abt38993 Tumour su
c 420	10	33.3	17	8	ACC68257	Acc68257 Murine ol
c 421	10	33.3	17	10	ADB43892	Adb43892 Tumour su
c 422	10	33.3	17	10	ADB40642	Adb40642 Tumour su
423	10	33.3	17	10	ADI49966	Adi49966 Human tum
c 424	10	33.3	17	11	ADL48896	Adl48896 Human PKR
425	10	33.3	18	2	AAV11173	Aav11173 Human Ki-
426	10	33.3	18	3	AAA52839	Aaa52839 Human CD4
427	10	33.3	18	6	ABA83574	Aba83574 Mouse MP-
428	10	33.3	18	6	ABL94722	Ab194722 Rat VR1 a
429	10	33.3	18	8	ABZ75440	Abz75440 Human EPS
c 430	10	33.3	19	2	AAQ61739	Aaq61739 HEV strai
c 431	10	33.3	19	2	AAT27450	Aat27450 HEV strai
c 432	10	33.3	19	2	AAV71660	Aav71660 HEV ORF p
c 433	10	33.3	19	3	AAZ91167	Aaz91167 Canine T-
c 434	10	33.3	19	3	AAZ92344	Aaz92344 Canine TC
435	10	33.3	19	3	AAC72573	Aac72573 Single nu
436	10	33.3	19	3	AAC72549	Aac72549 Single nu
437	10	33.3	19	3	AAC72546	Aac72546 Single nu
438	10	33.3	19	3	AAC72543	Aac72543 Single nu
439	10	33.3	19	3	AAC72570	Aac72570 Single nu
440	10	33.3	19	3	AAC72552	Aac72552 Single nu
441	10	33.3	19	6	ABK40365	Abk40365 Reverse P
442	10	33.3	19	6	ABS64429	Abs64429 Human NOV
443	10	33.3	19	8	ABT21349	Abt21349 Multiplex
444	10	33.3	19	8	ABQ77154	Abq77154 Human ABC
445	10	33.3	19	10	ADC39346	Adc39346 Novel hum
c 446	10	33.3	19	10	ADG78910	Adg78910 Human tes
447	10	33.3	19	10	ADJ37428	Adj37428 Tumour th
c 448	10	33.3	19	10	ADH94518	Adh94518 Human gen
449	10	33.3	19	11	ADN34863	Adn34863 siNA lowe
c 450	10	33.3	19	11	ADN34605	Adn34605 siNA uppe
451	10	33.3	19	12	ADG68352	Adg68352 Human PRO
c 452	10	33.3	19	12	ADN89208	Adn89208 Human CD4
c 453	10	33.3	19	12	ADO80385	Ado80385 Mouse pho
c 454	10	33.3	19	12	ADO57983	Ado57983 Human EDG
c 455	10	33.3	20	2	AAQ24711	Aaq24711 C-beta-a
456	10	33.3	20	2	AAQ25379	Aaq25379 Sequence
c 457	10	33.3	20	2	AAQ41235	Aaq41235 3' PCR pr
c 458	10	33.3	20	2	AAQ95935	Aaq95935 Primer A
c 459	10	33.3	20	2	AAT65958	Aat65958 Primer #1
c 460	10	33.3	20	2	AAT13874	Aat13874 Human K-A
461	10	33.3	20	2	AAX56125	Aax56125 HIV-1 PCR
c 462	10	33.3	20	2	AAX92145	Aax92145 PCR prime

c 463	10	33.3	20	2	AAX94752	Aax94752 PCR prime
464	10	33.3	20	2	AAX96478	Aax96478 PCR prime
c 465	10	33.3	20	3	AAA41054	Aaa41054 Human TNF
c 466	10	33.3	20	3	AAA41197	Aaa41197 Human TNF
467	10	33.3	20	3	AAC70315	Aac70315 Single nu
468	10	33.3	20	4	AAD14816	Aad14816 Human gly
c 469	10	33.3	20	4	AAS45720	Aas45720 Human PAR
470	10	33.3	20	4	AAH38877	Aah38877 SNP speci
471	10	33.3	20	5	AAF81211	Aaf81211 Human FMO
c 472	10	33.3	20	5	ABZ72150	Abz72150 Gene 216
c 473	10	33.3	20	6	ABS73905	Abs73905 Human cyt
474	10	33.3	20	6	AAD31047	Aad31047 Medaka fi
c 475	10	33.3	20	6	ABS52079	Abs52079 Mouse CCR
c 476	10	33.3	20	6	ABA99823	Aba99823 Murine ca
477	10	33.3	20	6	AAS16635	Aas16635 Human Inh
478	10	33.3	20	6	ABK69483	Abk69483 Human pho
c 479	10	33.3	20	6	ABQ66441	Abq66441 Human cyt
480	10	33.3	20	6	ABK09824	Abk09824 Cytochrom
c 481	10	33.3	20	6	ADH49285	Adh49285 NOV7 PCR
482	10	33.3	20	8	ADA05957	Ada05957 Human NOV
c 483	10	33.3	20	8	ACC44044	Acc44044 Oligo ISI
c 484	10	33.3	20	8	ABX75003	Abx75003 Human gen
c 485	10	33.3	20	8	ABT43156	Abt43156 Neuroblas
c 486	10	33.3	20	8	AAD53837	Aad53837 BMPR1A ex
487	10	33.3	20	8	AAD48535	Aad48535 Chicken l
c 488	10	33.3	20	8	ABT32311	Abt32311 Neuroblas
c 489	10	33.3	20	9	AAL61835	Aal61835 Human ETB
c 490	10	33.3	20	9	AAL61836	Aal61836 Human ETB
491	10	33.3	20	9	ACC58436	Acc58436 Mycoplasm
c 492	10	33.3	20	9	ACC58434	Acc58434 Mycoplasm
c 493	10	33.3	20	9	ACC58435	Acc58435 Mycoplasm
494	10	33.3	20	9	ACC58437	Acc58437 Mycoplasm
c 495	10	33.3	20	9	ACD05425	Acd05425 Tumour ne
c 496	10	33.3	20	9	ACD05282	Acd05282 Tumour ne
c 497	10	33.3	20	10	ADB89943	Adb89943 Antinsens
498	10	33.3	20	10	ADC65825	Adc65825 Mouse TGF
499	10	33.3	20	10	ADC79209	Adc79209 Animal id
c 500	10	33.3	20	10	AAD62232	Aad62232 Human hae
501	10	33.3	20	10	ADD56551	Add56551 Human gen
c 502	10	33.3	20	10	ADG31532	Adg31532 PCR prime
c 503	10	33.3	20	10	ADF88162	Adf88162 Single nu
c 504	10	33.3	20	10	ADF91081	Adf91081 Microorga
505	10	33.3	20	10	ADH08406	Adh08406 S. cerevi
506	10	33.3	20	10	ADH08417	Adh08417 K. lactis
c 507	10	33.3	20	10	ABZ86689	Abz86689 Human oli
508	10	33.3	20	10	ABZ90905	Abz90905 Human oli
c 509	10	33.3	20	10	ABZ98566	Abz98566 Human ICA
c 510	10	33.3	20	10	ABZ98567	Abz98567 Human ICA
511	10	33.3	20	10	ABZ91787	Abz91787 Human oli
512	10	33.3	20	10	ABZ84961	Abz84961 Human oli
513	10	33.3	20	10	ABZ91786	Abz91786 Human oli
c 514	10	33.3	20	10	ABZ98975	Abz98975 Human PDE
515	10	33.3	20	10	ABZ90904	Abz90904 Human oli
c 516	10	33.3	20	10	ABZ86690	Abz86690 Human oli
c 517	10	33.3	20	10	AAL55910	Aal55910 TGF-beta
c 518	10	33.3	20	11	ABD31597	Abd31597 Human ICA
519	10	33.3	20	11	ABD27134	Abd27134 AA486518-

520	10	33.3	20	11	ABD21191	Abd21191 Human tra
c 521	10	33.3	20	11	ABD31598	Abd31598 Human ICA
c 522	10	33.3	20	11	ABD22919	Abd22919 Human myo
523	10	33.3	20	11	ABD28016	Abd28016 AA282906-
524	10	33.3	20	11	ABD27135	Abd27135 AA486518-
525	10	33.3	20	11	ABD28017	Abd28017 AA282906-
c 526	10	33.3	20	11	ABD32006	Abd32006 Human PDE
c 527	10	33.3	20	11	ABD22920	Abd22920 Human myo
528	10	33.3	20	12	ADH10846	Adh10846 Human cat
c 529	10	33.3	20	12	ADH10772	Adh10772 Human cat
530	10	33.3	20	12	ADG25850	Adg25850 Human OAT
c 531	10	33.3	20	12	ADH70950	Adh70950 Human Vbe
532	10	33.3	20	12	ADI25032	Adi25032 Human ZNF
c 533	10	33.3	20	12	ADI28231	Adi28231 Antisense
534	10	33.3	20	12	ADH99190	Adh99190 Human NF-
c 535	10	33.3	20	12	ADH99128	Adh99128 Human NF-
c 536	10	33.3	20	12	ADJ36731	Adj36731 Human gen
537	10	33.3	20	12	ADJ46799	Adj46799 Human KIA
c 538	10	33.3	20	12	ADJ46852	Adj46852 Human KIA
c 539	10	33.3	20	12	ADJ86941	Adj86941 Nucleic a
540	10	33.3	20	12	ADK94787	Adk94787 Primer of
c 541	10	33.3	20	12	ADK96770	Adk96770 Primer of
542	10	33.3	20	12	ADK94883	Adk94883 Primer of
c 543	10	33.3	20	12	ADJ60416	Adj60416 Oligonucl
c 544	10	33.3	20	12	ADJ60417	Adj60417 Oligonucl
c 545	10	33.3	20	12	ADJ60858	Adj60858 Oligonucl
546	10	33.3	20	12	ADJ45401	Adj45401 Antisense
c 547	10	33.3	20	12	ADK12242	Adk12242 Complement
c 548	10	33.3	20	12	ADJ22582	Adj22582 Human end
c 549	10	33.3	20	12	ADJ23797	Adj23797 Human end
c 550	10	33.3	20	12	ADJ24748	Adj24748 Human end
c 551	10	33.3	20	12	ADJ24578	Adj24578 Human end
c 552	10	33.3	20	12	ADJ23610	Adj23610 Human end
c 553	10	33.3	20	12	ADJ22425	Adj22425 Human end
c 554	10	33.3	20	12	ADJ24013	Adj24013 Human end
c 555	10	33.3	20	12	ADJ24658	Adj24658 Human end
c 556	10	33.3	20	12	ADJ23389	Adj23389 Human end
c 557	10	33.3	20	12	ADJ23773	Adj23773 Human end
c 558	10	33.3	20	12	ADJ23541	Adj23541 Human end
c 559	10	33.3	20	12	ADL81310	Adl81310 Gene 216
560	10	33.3	20	12	ADN63111	Adn63111 Human NOV
c 561	10	33.3	20	12	ADO09602	Ado09602 SSCP reve
562	10	33.3	20	12	ADO24885	Ado24885 Antisense
563	10	33.3	20	12	ADO24875	Ado24875 Human cyt
c 564	10	33.3	20	12	ADO22628	Ado22628 Human chr
c 565	10	33.3	20	12	ADO46347	Ado46347 Human oli
c 566	10	33.3	20	12	ADO45905	Ado45905 Human oli
c 567	10	33.3	20	12	ADO45906	Ado45906 Human oli
c 568	10	33.3	20	12	ADN89173	Adn89173 Human CD4
c 569	10	33.3	20	12	ADO32018	Ado32018 Cyclin-de
570	10	33.3	20	12	ADO31965	Ado31965 Cyclin-de
571	10	33.3	20	12	ADP10978	Adp10978 Set 1 lef
c 572	10	33.3	20	12	ADP44148	Adp44148 Human TEK
573	10	33.3	20	12	ADP44226	Adp44226 Human TEK
c 574	10	33.3	20	12	ADQ26563	Adq26563 HOXA2 RT-
c 575	10	33.3	20	12	ADQ76407	Adq76407 Nucleotid
576	10	33.3	21	2	AAQ37153	Aaq37153 Probe to

c	577	10	33.3	21	2	AAQ69978	Aaq69978 Sense pri
	578	10	33.3	21	2	AAT39017	Aat39017 Tumour ne
	579	10	33.3	21	2	AAT69199	Aat69199 Lipoprote
	580	10	33.3	21	2	AAV29456	Aav29456 Calcium i
c	581	10	33.3	21	2	AAV43221	Aav43221 Multiple
	582	10	33.3	21	2	AAV15154	Aav15154 PCR prime
c	583	10	33.3	21	2	AAX29712	Aax29712 Primer fo
c	584	10	33.3	21	2	AAX29713	Aax29713 Primer fo
	585	10	33.3	21	2	AAZ28363	Aaz28363 PCR prime
c	586	10	33.3	21	2	AAX36532	Aax36532 PCR prime
	587	10	33.3	21	2	AAV08004	Aav08004 Probe TNF
c	588	10	33.3	21	2	AAX18497	Aax18497 PCR prime
	589	10	33.3	21	2	AAX36186	Aax36186 Fragment
	590	10	33.3	21	3	AAZ49626	Aaz49626 PCR prime
c	591	10	33.3	21	3	AAC61632	Aac61632 Mismatch
	592	10	33.3	21	3	AAA37976	Aaa37976 PCR prime
c	593	10	33.3	21	3	AAZ55795	Aaz55795 Rat fibro
c	594	10	33.3	21	3	AAA66491	Aaa66491 Dog genom
	595	10	33.3	21	3	AAC66177	Aac66177 PCR prime
	596	10	33.3	21	4	AAF97299	Aaf97299 Human gen
	597	10	33.3	21	4	AAF97478	Aaf97478 Human gen
c	598	10	33.3	21	4	AAH39173	Aah39173 SNP speci
	599	10	33.3	21	5	ABA10112	Aba10112 Tail prim
	600	10	33.3	21	6	AAD28595	Aad28595 CysLT1L-T
c	601	10	33.3	21	6	AAL42778	Aal42778 Agrobacte
c	602	10	33.3	21	6	ABK46951	Abk46951 COX-2 ant
c	603	10	33.3	21	6	ABS60744	Abs60744 Human pol
	604	10	33.3	21	6	AAL50116	Aal50116 Human CAB
	605	10	33.3	21	6	ABK50848	Abk50848 Tartaric
	606	10	33.3	21	6	AAD39344	Aad39344 Human Von
	607	10	33.3	21	6	ABQ93992	Abq93992 NOV2 reve
c	608	10	33.3	21	8	ADA06002	Ada06002 Human NOV
c	609	10	33.3	21	9	ADB84406	Adb84406 MSRV-1 as
	610	10	33.3	21	10	ADF08225	Adf08225 Mouse gen
	611	10	33.3	21	10	ADF88160	Adf88160 Single nu
	612	10	33.3	21	10	ADG76224	Adg76224 Reverse P
c	613	10	33.3	21	10	ADH94369	Adh94369 Human gen
c	614	10	33.3	21	12	ADG14852	Adg14852 MSRV asso
c	615	10	33.3	21	12	ADG74821	Adg74821 Human glu
	616	10	33.3	21	12	ADK98248	Adk98248 Primer of
	617	10	33.3	21	12	ADK97628	Adk97628 Primer of
c	618	10	33.3	21	12	ADN63153	Adn63153 Human NOV
c	619	10	33.3	21	12	ADP12382	Adp12382 Taqman pr
c	620	10	33.3	22	2	AAQ34229	Aaq34229 Upstream
	621	10	33.3	22	2	AAQ53268	Aaq53268 BYMV prim
c	622	10	33.3	22	2	AAQ82250	Aaq82250 Chromosom
c	623	10	33.3	22	2	AAT32890	Aat32890 Bovine le
c	624	10	33.3	22	2	AAX29252	Aax29252 LGL leuka
	625	10	33.3	22	3	AAA52781	Aaa52781 Murine cl
	626	10	33.3	22	4	AAF79713	Aaf79713 Abp1 gene
c	627	10	33.3	22	4	AAH37922	Aah37922 SNP speci
	628	10	33.3	22	4	AAF86421	Aaf86421 PCR prime
	629	10	33.3	22	5	AAF79841	Aaf79841 Mycelia s
	630	10	33.3	22	5	AAD10267	Aad10267 MDB391 pr
	631	10	33.3	22	6	ABL92892	Abl92892 G protein
c	632	10	33.3	22	6	ABK24030	Abk24030 B7-relate
	633	10	33.3	22	8	AAL50192	Aal50192 Abp1 gene

c 634	10	33.3	22	8	ABX72374	Abx72374 Human NOV
c 635	10	33.3	22	9	ADA00316	Ada00316 Human alp
636	10	33.3	22	10	ADD53817	Add53817 Human SC6
c 637	10	33.3	22	10	ADF79290	Adf79290 PSA PCR p
638	10	33.3	22	10	ABZ23689	Abz23689 TGF-beta1
c 639	10	33.3	22	10	ACF17102	Acf17102 Human NOV
c 640	10	33.3	22	10	ACF17099	Acf17099 Human NOV
641	10	33.3	22	12	ADG09482	Adg09482 TNF-alpha
642	10	33.3	22	12	ADH75261	Adh75261 IFN-assoc
c 643	10	33.3	22	12	ADI00882	Adi00882 PCR prime
c 644	10	33.3	23	2	AAT28837	Aat28837 Allele sp
645	10	33.3	23	4	AAF85363	Aaf85363 Probe use
646	10	33.3	23	4	AAF61237	Aaf61237 Borna dis
c 647	10	33.3	23	6	ABS57996	Abs57996 PCR prime
648	10	33.3	23	6	AAS97486	Aas97486 Murine SA
649	10	33.3	23	6	ABA04845	Aba04845 Human PCR
650	10	33.3	23	6	ABZ30217	Abz30217 Candida a
c 651	10	33.3	23	6	ABA91429	Aba91429 Haemophil
652	10	33.3	23	10	ADE90086	Ade90086 Human rho
653	10	33.3	23	10	ADG87458	Adg87458 Human Bon
654	10	33.3	23	12	ADG09530	Adg09530 TNF-alpha
655	10	33.3	23	12	ADH75287	Adh75287 IFN-assoc
656	10	33.3	23	12	ADK98107	Adk98107 Primer of
c 657	10	33.3	23	12	ADN61388	Adn61388 PCR prime
658	10	33.3	23	12	ADM15826	Adm15826 Murine SA
659	10	33.3	24	2	AAT28872	Aat28872 Primer #1
c 660	10	33.3	24	2	AAT28835	Aat28835 Allele sp
661	10	33.3	24	2	AAZ23548	Aaz23548 NET-1A lo
c 662	10	33.3	24	3	AAZ29407	Aaz29407 PCR prime
c 663	10	33.3	24	3	AAA09215	Aaa09215 S135L mut
c 664	10	33.3	24	3	AAA09216	Aaa09216 Wild-type
665	10	33.3	24	4	AAH42016	Aah42016 Disease t
666	10	33.3	24	5	AAS07991	Aas07991 Human G-p
667	10	33.3	24	5	AAS08295	Aas08295 Human G-p
668	10	33.3	24	5	AAH77436	Aah77436 Human sig
c 669	10	33.3	24	6	ABL60432	Abl60432 DNA fragm
c 670	10	33.3	24	6	ABQ02304	Abq02304 Oligonucl
c 671	10	33.3	24	6	ABQ08517	Abq08517 Oligonucl
672	10	33.3	24	6	ABQ08558	Abq08558 Oligonucl
673	10	33.3	24	6	ABZ21071	Abz21071 Zinc fing
c 674	10	33.3	24	6	ABI82598	Abi82598 Capture o
675	10	33.3	24	6	ABI91865	Abi91865 Capture o
c 676	10	33.3	24	6	ABI91864	Abi91864 Capture o
677	10	33.3	24	6	ABI82599	Abi82599 Capture o
c 678	10	33.3	24	6	ABQ99750	Abq99750 ecSOD pri
679	10	33.3	24	6	ABL54531	Abl54531 Pectinatu
680	10	33.3	24	8	ABX94658	Abx94658 Human CTG
c 681	10	33.3	24	8	ABT33423	Abt33423 NOVX PCR
c 682	10	33.3	24	8	AAL55489	Aal55489 NOVX PCR
683	10	33.3	24	9	ADA74010	Ada74010 Biotinyla
684	10	33.3	24	10	ADG31529	Adg31529 PCR prime
c 685	10	33.3	24	10	ADG47629	Adg47629 Mouse str
686	10	33.3	24	11	ADL96523	Adl96523 Human G p
687	10	33.3	24	11	ADL96571	Adl96571 Human G p
c 688	10	33.3	24	12	ADI04003	Adi04003 Bovine GH
c 689	10	33.3	24	12	ADL13463	Adl13463 Human thy
c 690	10	33.3	24	12	ADL13462	Adl13462 Human thy

691	10	33.3	24	12	ADL70669	Adl70669 Human CC
c 692	10	33.3	25	2	AAT00186	Aat00186 Hepatitis
c 693	10	33.3	25	2	AAT08801	Aat08801 Human alp
c 694	10	33.3	25	2	AAT45825	Aat45825 Hepatitis
c 695	10	33.3	25	3	AAZ65223	Aaz65223 Primer am
c 696	10	33.3	25	3	AAA55454	Aaa55454 Hepatitis
c 697	10	33.3	25	3	AAA57769	Aaa57769 Antisense
698	10	33.3	25	4	AAF44581	Aaf44581 Mouse DSS
c 699	10	33.3	25	4	AAC97493	Aac97493 Human PRO
700	10	33.3	25	5	AAI61872	Aai61872 Soybean 2
c 701	10	33.3	25	5	AAF44380	Aaf44380 Human PRO
c 702	10	33.3	25	5	AAF32391	Aaf32391 NAAT rela
703	10	33.3	25	5	AAF32392	Aaf32392 NAAT rela
c 704	10	33.3	25	5	AAC63216	Aac63216 Capture p
c 705	10	33.3	25	6	ABQ61746	Abq61746 Human aqu
706	10	33.3	25	6	ABQ61805	Abq61805 Human aqu
707	10	33.3	25	6	ABQ61817	Abq61817 Human aqu
708	10	33.3	25	6	ABQ61809	Abq61809 Human aqu
c 709	10	33.3	25	6	ABQ61752	Abq61752 Human aqu
c 710	10	33.3	25	6	ABQ61760	Abq61760 Human aqu
711	10	33.3	25	6	ABQ61799	Abq61799 Human aqu
c 712	10	33.3	25	6	ABQ61770	Abq61770 Human aqu
713	10	33.3	25	6	ABQ61803	Abq61803 Human aqu
c 714	10	33.3	25	6	ABQ61756	Abq61756 Human aqu
715	10	33.3	25	6	ABQ61797	Abq61797 Human aqu
716	10	33.3	25	6	ABQ61819	Abq61819 Human aqu
c 717	10	33.3	25	6	ABQ61766	Abq61766 Human aqu
c 718	10	33.3	25	6	ABQ61754	Abq61754 Human aqu
c 719	10	33.3	25	6	ABQ61748	Abq61748 Human aqu
720	10	33.3	25	6	ABQ61811	Abq61811 Human aqu
c 721	10	33.3	25	6	ABQ61744	Abq61744 Human aqu
c 722	10	33.3	25	6	ABQ61750	Abq61750 Human aqu
723	10	33.3	25	6	ABQ61815	Abq61815 Human aqu
c 724	10	33.3	25	6	ABQ61758	Abq61758 Human aqu
725	10	33.3	25	6	ABQ61801	Abq61801 Human aqu
726	10	33.3	25	6	ABQ61807	Abq61807 Human aqu
727	10	33.3	25	6	ABQ61825	Abq61825 Human aqu
c 728	10	33.3	25	6	ABQ61768	Abq61768 Human aqu
c 729	10	33.3	25	6	ABQ61772	Abq61772 Human aqu
730	10	33.3	25	6	ABQ61813	Abq61813 Human aqu
731	10	33.3	25	6	ABQ61821	Abq61821 Human aqu
c 732	10	33.3	25	6	ABQ61764	Abq61764 Human aqu
c 733	10	33.3	25	6	ABQ61774	Abq61774 Human aqu
c 734	10	33.3	25	6	ABQ61762	Abq61762 Human aqu
735	10	33.3	25	6	ABS59666	Abs59666 Oligonucl
c 736	10	33.3	25	8	ACA64422	Aca64422 Novel hum
c 737	10	33.3	25	8	ABX80881	Abx80881 Human sec
c 738	10	33.3	25	8	ACD44390	Acd44390 Human PRO
c 739	10	33.3	25	8	ABX56460	Abx56460 Human NOV
c 740	10	33.3	25	8	ABX56463	Abx56463 Human NOV
c 741	10	33.3	25	8	ABX56457	Abx56457 Human NOV
c 742	10	33.3	25	8	ABX79561	Abx79561 Human sec
c 743	10	33.3	25	8	ACA93582	Aca93582 Novel hum
c 744	10	33.3	25	8	ABX81264	Abx81264 Human sec
c 745	10	33.3	25	8	ACC72201	Acc72201 Ag746 pro
c 746	10	33.3	25	8	ACC72198	Acc72198 Ag1294b p
c 747	10	33.3	25	8	ACC72204	Acc72204 Ag905 pro

c 748	10	33.3	25	8	ACA93080	Aca93080 Novel hum
c 749	10	33.3	25	8	ABX17164	Abx17164 Human PRO
c 750	10	33.3	25	9	ACA68019	Aca68019 Novel hum
c 751	10	33.3	25	9	ACA88468	Aca88468 Human sec
c 752	10	33.3	25	9	ACD81975	Acd81975 Human PRO
c 753	10	33.3	25	9	ADA37906	Ada37906 Human sec
c 754	10	33.3	25	9	ADA21592	Ada21592 Human sec
c 755	10	33.3	25	9	ADA10379	Ada10379 Human PRO
756	10	33.3	25	9	ACI69525	Aci69525 Human mic
757	10	33.3	25	9	ACK21504	Ack21504 Human mic
758	10	33.3	25	9	ACI30974	Aci30974 Human mic
c 759	10	33.3	25	9	ACI57430	Aci57430 Human mic
c 760	10	33.3	25	9	ACI57431	Aci57431 Human mic
761	10	33.3	25	9	ACI88529	Aci88529 Human mic
c 762	10	33.3	25	9	ACK16220	Ack16220 Human mic
763	10	33.3	25	9	ACI45727	Aci45727 Human mic
764	10	33.3	25	9	ACK28730	Ack28730 Human mic
c 765	10	33.3	25	9	ACI58475	Aci58475 Human mic
c 766	10	33.3	25	9	ACI59032	Aci59032 Human mic
c 767	10	33.3	25	9	ACI59033	Aci59033 Human mic
768	10	33.3	25	9	ACI11082	Aci11082 Human mic
769	10	33.3	25	9	ACI99924	Aci99924 Human mic
c 770	10	33.3	25	9	ACI60723	Aci60723 Human mic
771	10	33.3	25	9	ACI69524	Aci69524 Human mic
772	10	33.3	25	9	ACI44347	Aci44347 Human mic
773	10	33.3	25	9	ACI19971	Aci19971 Human mic
c 774	10	33.3	25	9	ACI97056	Aci97056 Human mic
775	10	33.3	25	9	ACI50623	Aci50623 Human mic
c 776	10	33.3	25	9	ACK05750	Ack05750 Human mic
777	10	33.3	25	9	ACI32482	Aci32482 Human mic
c 778	10	33.3	25	9	ACK08035	Ack08035 Human mic
779	10	33.3	25	9	ACK10491	Ack10491 Human mic
780	10	33.3	25	9	ACI23247	Aci23247 Human mic
c 781	10	33.3	25	9	ACI00458	Aci00458 Human mic
782	10	33.3	25	9	ACI64681	Aci64681 Human mic
c 783	10	33.3	25	9	ACK13901	Ack13901 Human mic
784	10	33.3	25	9	ACI80723	Aci80723 Human mic
785	10	33.3	25	9	ACI10454	Aci10454 Human mic
c 786	10	33.3	25	9	ACI60722	Aci60722 Human mic
787	10	33.3	25	9	ACI79637	Aci79637 Human mic
c 788	10	33.3	25	9	ACI70605	Aci70605 Human mic
c 789	10	33.3	25	9	ACK26817	Ack26817 Human mic
c 790	10	33.3	25	9	ACK07534	Ack07534 Human mic
c 791	10	33.3	25	9	ACI37097	Aci37097 Human mic
792	10	33.3	25	9	ACI42773	Aci42773 Human mic
793	10	33.3	25	9	ACI98916	Aci98916 Human mic
c 794	10	33.3	25	9	ACI80318	Aci80318 Human mic
c 795	10	33.3	25	9	ACI37096	Aci37096 Human mic
796	10	33.3	25	9	ACI89650	Aci89650 Human mic
797	10	33.3	25	9	ACK23271	Ack23271 Human mic
798	10	33.3	25	9	ACI13473	Aci13473 Human mic
799	10	33.3	25	9	ACI64680	Aci64680 Human mic
800	10	33.3	25	9	ACI65298	Aci65298 Human mic
801	10	33.3	25	9	ACI52417	Aci52417 Human mic
c 802	10	33.3	25	9	ACK28411	Ack28411 Human mic
803	10	33.3	25	9	ACI81395	Aci81395 Human mic
c 804	10	33.3	25	9	ACK13028	Ack13028 Human mic

805	10	33.3	25	9	ACI65299	Aci65299 Human mic
c 806	10	33.3	25	9	ACK16221	Ack16221 Human mic
807	10	33.3	25	9	ACI45726	Aci45726 Human mic
808	10	33.3	25	9	ACI55562	Aci55562 Human mic
c 809	10	33.3	25	9	ACI46861	Aci46861 Human mic
810	10	33.3	25	9	ACI31752	Aci31752 Human mic
811	10	33.3	25	9	ACI82586	Aci82586 Human mic
c 812	10	33.3	25	9	ACK09412	Ack09412 Human mic
813	10	33.3	25	9	ACK23270	Ack23270 Human mic
814	10	33.3	25	9	ACI99298	Aci99298 Human mic
c 815	10	33.3	25	9	ADA17923	Ada17923 Human PRO
c 816	10	33.3	25	9	ACH59147	Ach59147 DNA targe
c 817	10	33.3	25	9	ACH54818	Ach54818 DNA targe
c 818	10	33.3	25	9	ACH53678	Ach53678 DNA targe
819	10	33.3	25	9	ACH57271	Ach57271 DNA targe
820	10	33.3	25	9	ACH64233	Ach64233 DNA targe
c 821	10	33.3	25	9	ADA28031	Ada28031 Human sec
c 822	10	33.3	25	9	ADA94611	Ada94611 Human sec
c 823	10	33.3	25	9	ADA38836	Ada38836 Human sec
c 824	10	33.3	25	9	ADA92957	Ada92957 Human sec
c 825	10	33.3	25	9	ACH65536	Ach65536 Human sec
c 826	10	33.3	25	9	ACC79782	Acc79782 Transform
c 827	10	33.3	25	9	ADA22518	Ada22518 Human sec
c 828	10	33.3	25	9	ACD39526	Acd39526 Human PRO
c 829	10	33.3	25	9	ADA06684	Ada06684 Human sec
c 830	10	33.3	25	9	ADA39377	Ada39377 Human sec
c 831	10	33.3	25	9	ADB96403	Adb96403 Human PRO
c 832	10	33.3	25	10	ADC57875	Adc57875 Human PRO
c 833	10	33.3	25	10	ADC55239	Adc55239 Human PRO
c 834	10	33.3	25	10	ADC12106	Adc12106 Human sec
c 835	10	33.3	25	10	ADC56528	Adc56528 Human PRO
c 836	10	33.3	25	10	ADC07583	Adc07583 Human sec
c 837	10	33.3	25	10	ADC11573	Adc11573 Human sec
c 838	10	33.3	25	10	ADC14695	Adc14695 Novel hum
c 839	10	33.3	25	10	ADD08227	Add08227 Human sec
c 840	10	33.3	25	10	ADC82052	Adc82052 Human PRO
c 841	10	33.3	25	10	ADD07694	Add07694 Human sec
c 842	10	33.3	25	10	ADC82585	Adc82585 Human PRO
c 843	10	33.3	25	10	ADD08765	Add08765 Human sec
c 844	10	33.3	25	10	ADD07014	Add07014 Human sec
c 845	10	33.3	25	10	ADC83261	Adc83261 Human PRO
c 846	10	33.3	25	10	ADD32178	Add32178 Human IL-
c 847	10	33.3	25	10	ADD55368	Add55368 Human PRO
c 848	10	33.3	25	10	ADD56326	Add56326 Human PRO
c 849	10	33.3	25	10	ADD54764	Add54764 Human PRO
c 850	10	33.3	25	10	ADE26918	Ade26918 Novel hum
c 851	10	33.3	25	10	ADE40306	Ade40306 5' TET an
c 852	10	33.3	25	10	ADE40300	Ade40300 5' TET an
c 853	10	33.3	25	10	ADE40303	Ade40303 5' TET an
c 854	10	33.3	25	10	ADE26385	Ade26385 Novel hum
c 855	10	33.3	25	10	ADF67322	Adf67322 Human cDN
c 856	10	33.3	25	10	ADI35576	Adi35576 Human PRO
c 857	10	33.3	25	10	ADI00069	Adi00069 Novel hum
c 858	10	33.3	25	10	ABX77965	Abx77965 Human PRO
c 859	10	33.3	25	10	ABX80377	Abx80377 Human sec
c 860	10	33.3	25	10	ACA69283	Aca69283 Human sec
c 861	10	33.3	25	10	ABX90354	Abx90354 Human sec

c 862	10	33.3	25	10	ABX64200	Abx64200 Human PRO
c 863	10	33.3	25	12	ADF35521	Adf35521 Human PRO
c 864	10	33.3	25	12	ADG11771	Adg11771 Human PRO
c 865	10	33.3	25	12	ADH19641	Adh19641 Human sec
c 866	10	33.3	25	12	ADH21134	Adh21134 Human sec
c 867	10	33.3	25	12	ADH20174	Adh20174 Human sec
c 868	10	33.3	25	12	ADH72687	Adh72687 Human pro
c 869	10	33.3	25	12	ADH72690	Adh72690 Human pro
870	10	33.3	25	12	ADL56955	Adl56955 Human NOV
871	10	33.3	25	12	ADO39339	Ado39339 Human NOV
c 872	10	33.3	25	12	ADO11479	Ado11479 Single mu
873	10	33.3	25	12	ADO12014	Ado12014 Single mu
c 874	10	33.3	25	12	ADP02946	Adp02946 Human 2',
875	10	33.3	25	12	ADP14083	Adp14083 Renal cel
c 876	10	33.3	25	12	ADP16264	Adp16264 Renal cel
877	10	33.3	25	12	ADP14082	Adp14082 Renal cel
878	10	33.3	25	12	ADP14080	Adp14080 Renal cel
879	10	33.3	25	12	ADP14081	Adp14081 Renal cel
880	10	33.3	25	12	ADP14084	Adp14084 Renal cel
881	10	33.3	26	2	AAT97027	Aat97027 Presenili
882	10	33.3	26	3	AAA46067	Aaa46067 Human G p
c 883	10	33.3	26	4	AAS06341	Aas06341 Probe use
c 884	10	33.3	26	4	AAH91291	Aah91291 Human inf
c 885	10	33.3	26	5	AAI68214	Aai68214 Human ost
c 886	10	33.3	26	6	ABL92858	Ab192858 G protein
887	10	33.3	26	6	ABS52144	Abs52144 Human pro
c 888	10	33.3	26	6	ABS58899	Abs58899 Human G-p
c 889	10	33.3	26	6	ABA97933	Aba97933 Human sca
890	10	33.3	26	6	ABT06358	Abt06358 Human NOV
c 891	10	33.3	26	6	ABT04236	Abt04236 Human G-p
c 892	10	33.3	26	6	ABT04242	Abt04242 Human G-p
c 893	10	33.3	26	6	ABT04239	Abt04239 Human G-p
c 894	10	33.3	26	6	ABK40219	Abk40219 Human G p
895	10	33.3	26	6	ABK49738	Abk49738 Human mal
c 896	10	33.3	26	10	ABZ79734	Abz79734 Adapter o
c 897	10	33.3	26	10	ADL25098	Adl25098 Intestina
898	10	33.3	26	12	ADG86432	Adg86432 Human MC4
c 899	10	33.3	26	12	ADH30989	Adh30989 Human G-p
c 900	10	33.3	26	12	ADH30992	Adh30992 Human G-p
c 901	10	33.3	26	12	ADH30986	Adh30986 Human G-p
c 902	10	33.3	26	12	ADN49422	Adn49422 Human MEM
c 903	10	33.3	26	12	ADN14458	Adn14458 Adapter f
904	10	33.3	26	12	ADP20225	Adp20225 Human G p
c 905	10	33.3	26	12	ADO55237	Ado55237 Immune mo
906	10	33.3	27	2	AAQ78744	Aaq78744 Murine an
c 907	10	33.3	27	2	AAQ99512	Aaq99512 Human Fas
908	10	33.3	27	2	AAX67952	Aax67952 Human flt
909	10	33.3	27	2	AAX74085	Aax74085 Mouse flt
c 910	10	33.3	27	2	AAV06997	Aav06997 Primer fo
911	10	33.3	27	2	AAT61708	Aat61708 Prostatic
912	10	33.3	27	2	AAX80239	Aax80239 Human BRC
913	10	33.3	27	2	AAX80240	Aax80240 Human BRC
914	10	33.3	27	2	AAZ19847	Aaz19847 E. coli t
915	10	33.3	27	3	AAZ63243	Aaz63243 Hammerhea
916	10	33.3	27	3	AAA26974	Aaa26974 Rhesus mo
917	10	33.3	27	3	AAZ94585	Aaz94585 Maize cyc
c 918	10	33.3	27	3	AAA74848	Aaa74848 Human IFN

919	10	33.3	27	3	AAA74849	Aaa74849 Human IFN
c 920	10	33.3	27	3	AAA94216	Aaa94216 Drosophil
921	10	33.3	27	5	AAF90470	Aaf90470 Human tum
c 922	10	33.3	27	6	ABA92529	Aba92529 Leucine z
923	10	33.3	27	6	ABQ74363	Abq74363 Truncated
c 924	10	33.3	27	6	ABN85152	Abn85152 HIV gp41
925	10	33.3	27	6	ABN85151	Abn85151 HIV gp41
926	10	33.3	27	10	ACF80004	Acf80004 Human pro
927	10	33.3	27	12	ADF91619	Adf91619 Human pro
928	10	33.3	27	12	ADM16458	Adm16458 rGFP-spec
c 929	10	33.3	27	12	ADN89257	Adn89257 Human CD4
930	10	33.3	27	12	ADO56229	Ado56229 Gene sile
c 931	10	33.3	28	2	AAT30520	Aat30520 Primer 5'
c 932	10	33.3	28	2	AAT30531	Aat30531 Primer 5'
c 933	10	33.3	28	2	AAV74097	Aav74097 Plasmid p
c 934	10	33.3	28	10	ABZ83431	Abz83431 Toxicolog
c 935	10	33.3	28	12	ADL99249	Adl99249 Human hep
c 936	10	33.3	28	12	ADN01475	Adn01475 Escherich
c 937	10	33.3	28	12	ADN11898	Adn11898 F oxyspor
c 938	10	33.3	28	12	ADP27752	Adp27752 PCR prime
939	10	33.3	29	2	AAV44876	Aav44876 Probe for
940	10	33.3	29	2	AAV09294	Aav09294 Clone AS1
941	10	33.3	29	2	AAX59649	Aax59649 PCR prime
942	10	33.3	29	2	AAV91479	Aav91479 Human C-r
c 943	10	33.3	29	2	AAX76816	Aax76816 PCR prime
944	10	33.3	29	3	AAA04606	Aaa04606 Polymorph
c 945	10	33.3	29	3	AAA03872	Aaa03872 Polymorph
946	10	33.3	29	3	AAF06707	Aaf06707 Hammerhea
947	10	33.3	29	3	AAF00039	Aaf00039 Hammerhea
948	10	33.3	29	5	AAF98550	Aaf98550 Human cDN
c 949	10	33.3	29	6	AAD27096	Aad27096 Rice alph
950	10	33.3	29	8	ABZ68979	Abz68979 PCR prime
c 951	10	33.3	29	9	ADA50169	Ada50169 PCR prime
952	10	33.3	29	10	ADC38891	Adc38891 Human sec
c 953	10	33.3	29	10	ABZ83692	Abz83692 Toxicolog
954	10	33.3	29	12	ADM76421	Adm76421 Human mye
955	10	33.3	29	12	ADO10947	Ado10947 Single mu
c 956	10	33.3	29	12	ADO10999	Ado10999 Single mu
957	10	33.3	30	2	AAQ74349	Aaq74349 Human CD3
958	10	33.3	30	2	AAT79711	Aat79711 Control p
c 959	10	33.3	30	2	AAT79710	Aat79710 Tumour ne
960	10	33.3	30	2	AAT99617	Aat99617 Protein k
c 961	10	33.3	30	2	AAV63955	Aav63955 Mycobacte
c 962	10	33.3	30	2	AAZ24696	Aaz24696 CD3delta
c 963	10	33.3	30	2	AAX28029	Aax28029 PCR prime
c 964	10	33.3	30	4	AAF27903	Aaf27903 Human NOV
c 965	10	33.3	30	4	AAF82275	Aaf82275 Human PIG
966	10	33.3	30	6	AAS17811	Aas17811 CD3 delta
967	10	33.3	30	6	ABQ78269	Abq78269 Primer us
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969	10	33.3	30	6	ABX69054	Abx69054 Novel Hel
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971	10	33.3	30	8	ACC46062	Acc46062 Mouse LRP
972	10	33.3	30	8	ABX10484	Abx10484 Human CD3
c 973	10	33.3	30	9	ACD40307	Acd40307 Breast tu
974	10	33.3	30	10	ADB98783	Adb98783 Mouse Zma
c 975	10	33.3	30	10	ACF80631	Acf80631 BK channe

976	10	33.3	30	10	ACF80632	Acf80632 BK channe
c 977	10	33.3	30	11	ADM56442	Adm56442 Human cel
c 978	10	33.3	30	12	ADF66805	Adf66805 Novel hum
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c 980	10	33.3	30	12	ADN01471	Adn01471 Enterobac
c 981	10	33.3	30	12	ADO60315	Ado60315 Human NOV
c 982	10	33.3	30	12	ADN89240	Adn89240 Human CD4
983	10	33.3	31	2	AAT31732	Aat31732 Saccharom
984	10	33.3	31	2	AAX56038	Aax56038 HIV-1 Gro
985	10	33.3	31	2	AAX37153	Aax37153 PCR prime
986	10	33.3	31	3	AAZ90264	Aaz90264 Synthetic
987	10	33.3	31	3	AAA78795	Aaa78795 Human gen
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989	10	33.3	31	4	AAI30981	Aai30981 Human sin
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c 994	10	33.3	31	12	ADL99251	Adl99251 Truncated
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c 996	10	33.3	32	2	AAT35979	Aat35979 Antisense
c 997	10	33.3	32	2	AAT90807	Aat90807 Persephin
998	10	33.3	32	4	AAF56168	Aaf56168 Streptomy
999	10	33.3	32	4	AAA54400	Aaa54400 Primer fo
1000	10	33.3	32	6	AAD29238	Aad29238 Soybean f

#### ALIGNMENTS

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:42:21 ; Search time 30 Seconds  
(without alignments)  
710.789 Million cell updates/sec

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Scoring table: OLIGO\_NUC  
Gapext 60.0 , Gapext 60.0

Searched: 824507 seqs, 355394441 residues

Word size : 10

Total number of hits satisfying chosen parameters: 376

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Post-processing: Listing first 1000 summaries

Database : Issued\_Patents\_NA:  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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c 6	12	40.0	50	3	US-09-399-773-5	Sequence 5, Appli
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c 146	10	33.3	22	2	US-08-653-382A-1	Sequence 1, Appl
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235	10	33.3	36	2	US-08-774-310-265	Sequence 265, App
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#### ALIGNMENTS

GenCore version 5.1.6  
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Run on: January 15, 2005, 06:52:08 ; Search time 132.99 Seconds  
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Minimum DB seq length: 0

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Post-processing: Listing first 1000 summaries

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SUMMARIES

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c 5	13	43.3	21	16	US-10-684-190-58	Sequence 58, Appl
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	74	11	36.7	20	18	US-10-424-041-76	Sequence 76, Appl
c	75	11	36.7	20	18	US-10-424-041-159	Sequence 159, App
	76	11	36.7	20	18	US-10-776-013-198	Sequence 198, App
	77	11	36.7	20	18	US-10-776-013-199	Sequence 199, App
	78	11	36.7	20	18	US-10-776-013-200	Sequence 200, App
	79	11	36.7	20	18	US-10-478-914-260	Sequence 260, App
c	80	11	36.7	21	9	US-09-908-193-48	Sequence 48, Appl
	81	11	36.7	21	16	US-10-349-143-11770	Sequence 11770, A
c	82	11	36.7	21	17	US-10-640-274-4	Sequence 4, Appli
	83	11	36.7	21	18	US-10-764-238-94	Sequence 94, Appl
	84	11	36.7	21	18	US-10-764-238-134	Sequence 134, App
c	85	11	36.7	21	18	US-10-817-607-49	Sequence 49, Appl
c	86	11	36.7	21	18	US-10-792-280-354	Sequence 354, App
c	87	11	36.7	21	18	US-10-792-280-355	Sequence 355, App
	88	11	36.7	21	18	US-10-792-280-356	Sequence 356, App
c	89	11	36.7	21	18	US-10-751-736-54420	Sequence 54420, A
c	90	11	36.7	21	18	US-10-751-736-54729	Sequence 54729, A
c	91	11	36.7	21	18	US-10-812-232-11	Sequence 11, Appl
c	92	11	36.7	21	18	US-10-812-232-29	Sequence 29, Appl
c	93	11	36.7	21	18	US-10-812-232-65	Sequence 65, Appl
c	94	11	36.7	21	18	US-10-812-232-94	Sequence 94, Appl
c	95	11	36.7	21	18	US-10-812-232-152	Sequence 152, App
c	96	11	36.7	21	18	US-10-812-232-181	Sequence 181, App
c	97	11	36.7	22	16	US-10-315-317-24	Sequence 24, Appl
c	98	11	36.7	22	17	US-10-315-217-24	Sequence 24, Appl
c	99	11	36.7	23	10	US-09-916-136A-5	Sequence 5, Appli
	100	11	36.7	23	15	US-10-239-316-24	Sequence 24, Appl
	101	11	36.7	23	15	US-10-410-681-54	Sequence 54, Appl
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	103	11	36.7	25	9	US-09-923-246-45	Sequence 45, Appl
c	104	11	36.7	25	14	US-10-215-112-7483	Sequence 7483, Ap
c	105	11	36.7	25	15	US-10-098-263B-20415	Sequence 20415, A
c	106	11	36.7	25	15	US-10-098-263B-20416	Sequence 20416, A
	107	11	36.7	25	15	US-10-098-263B-36503	Sequence 36503, A
	108	11	36.7	25	15	US-10-098-263B-36504	Sequence 36504, A
	109	11	36.7	25	15	US-10-098-263B-52407	Sequence 52407, A
c	110	11	36.7	25	15	US-10-098-263B-52590	Sequence 52590, A
c	111	11	36.7	25	15	US-10-098-263B-58465	Sequence 58465, A

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c 113	11	36.7	25	15	US-10-098-263B-105732	Sequence 105732,
c 114	11	36.7	25	15	US-10-098-263B-110913	Sequence 110913,
115	11	36.7	25	15	US-10-098-263B-126031	Sequence 126031,
116	11	36.7	25	15	US-10-295-723-45	Sequence 45, Appl
c 117	11	36.7	25	17	US-10-717-597-2298	Sequence 2298, Ap
c 118	11	36.7	25	17	US-10-717-597-2299	Sequence 2299, Ap
c 119	11	36.7	25	17	US-10-717-597-3693	Sequence 3693, Ap
120	11	36.7	25	17	US-10-659-684-45	Sequence 45, Appl
c 121	11	36.7	25	17	US-10-775-169-3613	Sequence 3613, Ap
c 122	11	36.7	25	17	US-10-775-169-3614	Sequence 3614, Ap
123	11	36.7	25	18	US-10-787-442-45	Sequence 45, Appl
c 124	11	36.7	27	9	US-09-791-500-18	Sequence 18, Appl
125	11	36.7	27	10	US-09-875-076-51	Sequence 51, Appl
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c 127	11	36.7	27	10	US-09-864-636A-1098	Sequence 1098, Ap
c 128	11	36.7	27	10	US-09-864-636A-1103	Sequence 1103, Ap
c 129	11	36.7	27	10	US-09-864-636A-1110	Sequence 1110, Ap
c 130	11	36.7	27	10	US-09-864-636A-1116	Sequence 1116, Ap
c 131	11	36.7	27	11	US-09-864-426A-1098	Sequence 1098, Ap
c 132	11	36.7	27	11	US-09-864-426A-1103	Sequence 1103, Ap
c 133	11	36.7	27	11	US-09-864-426A-1110	Sequence 1110, Ap
c 134	11	36.7	27	11	US-09-864-426A-1116	Sequence 1116, Ap
c 135	11	36.7	27	15	US-10-219-143-18	Sequence 18, Appl
136	11	36.7	27	15	US-10-272-983-51	Sequence 51, Appl
137	11	36.7	27	15	US-10-393-807-51	Sequence 51, Appl
c 138	11	36.7	27	15	US-10-412-151-18	Sequence 18, Appl
c 139	11	36.7	27	15	US-10-084-839-1098	Sequence 1098, Ap
c 140	11	36.7	27	15	US-10-084-839-1103	Sequence 1103, Ap
c 141	11	36.7	27	15	US-10-084-839-1110	Sequence 1110, Ap
c 142	11	36.7	27	15	US-10-084-839-1116	Sequence 1116, Ap
c 143	11	36.7	27	15	US-10-084-839-2885	Sequence 2885, Ap
c 144	11	36.7	27	15	US-10-084-839-2891	Sequence 2891, Ap
145	11	36.7	27	15	US-10-417-820A-53	Sequence 53, Appl
146	11	36.7	27	17	US-10-723-955-53	Sequence 53, Appl
147	11	36.7	27	17	US-10-782-596-51	Sequence 51, Appl
c 148	11	36.7	29	9	US-09-884-566-5	Sequence 5, Appli
c 149	11	36.7	30	9	US-09-908-855-22	Sequence 22, Appl
150	11	36.7	30	15	US-10-062-809-10	Sequence 10, Appl
c 151	11	36.7	30	15	US-10-302-840A-16	Sequence 16, Appl
152	11	36.7	31	9	US-09-801-274-621	Sequence 621, App
c 153	11	36.7	31	10	US-09-912-263-144	Sequence 144, App
154	11	36.7	33	14	US-10-004-551-62	Sequence 62, Appl
c 155	11	36.7	34	16	US-10-313-963A-25	Sequence 25, Appl
c 156	11	36.7	36	13	US-10-117-178-7	Sequence 7, Appli
157	11	36.7	38	10	US-09-927-046-2681	Sequence 2681, Ap
158	11	36.7	38	10	US-09-930-423-2152	Sequence 2152, Ap
159	11	36.7	38	10	US-09-745-237A-2152	Sequence 2152, Ap
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c 163	11	36.7	39	10	US-09-977-033A-85	Sequence 85, Appl
c 164	11	36.7	39	10	US-09-977-751C-85	Sequence 85, Appl
c 165	11	36.7	39	10	US-09-977-639A-85	Sequence 85, Appl
c 166	11	36.7	39	11	US-09-977-819B-85	Sequence 85, Appl
167	11	36.7	40	18	US-10-469-851-152	Sequence 152, App
c 168	11	36.7	40	18	US-10-469-851-153	Sequence 153, App

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c 170	11	36.7	41	16	US-10-277-216-243	Sequence 243, App
c 171	11	36.7	41	16	US-10-277-216-244	Sequence 244, App
c 172	11	36.7	41	16	US-10-277-216-375	Sequence 375, App
c 173	11	36.7	41	16	US-10-277-216-376	Sequence 376, App
c 174	11	36.7	41	16	US-10-126-022-243	Sequence 243, App
c 175	11	36.7	41	16	US-10-126-022-244	Sequence 244, App
c 176	11	36.7	41	16	US-10-126-022-375	Sequence 375, App
c 177	11	36.7	41	16	US-10-126-022-376	Sequence 376, App
178	11	36.7	41	16	US-10-276-723-9	Sequence 9, Appl
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c 182	11	36.7	42	18	US-10-814-752-28	Sequence 28, Appl
183	11	36.7	42	18	US-10-814-752-29	Sequence 29, Appl
c 184	11	36.7	43	15	US-10-134-645-8	Sequence 8, Appl
c 185	11	36.7	46	13	US-10-027-632-64927	Sequence 64927, A
c 186	11	36.7	46	15	US-10-027-632-64927	Sequence 64927, A
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c 189	11	36.7	47	9	US-09-797-941A-23	Sequence 23, Appl
c 190	11	36.7	48	14	US-10-146-835-23	Sequence 23, Appl
c 191	11	36.7	50	16	US-10-131-827-4241	Sequence 4241, Ap
c 192	11	36.7	50	16	US-10-131-827-6409	Sequence 6409, Ap
193	11	36.7	50	16	US-10-131-827-6799	Sequence 6799, Ap
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195	11	36.7	56	17	US-10-681-818-237	Sequence 237, App
c 196	11	36.7	57	15	US-10-256-221-5	Sequence 5, Appl
c 197	11	36.7	57	17	US-10-801-985-5	Sequence 5, Appl
c 198	11	36.7	60	10	US-09-908-975-7606	Sequence 7606, Ap
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202	11	36.7	60	10	US-09-908-975-12932	Sequence 12932, A
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204	11	36.7	60	10	US-09-908-975-18303	Sequence 18303, A
c 205	11	36.7	60	10	US-09-908-975-18418	Sequence 18418, A
206	11	36.7	60	10	US-09-908-975-21382	Sequence 21382, A
207	11	36.7	60	10	US-09-908-975-22792	Sequence 22792, A
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210	11	36.7	60	15	US-10-410-998-187	Sequence 187, App
211	11	36.7	61	8	US-08-781-986A-2030	Sequence 2030, Ap
212	11	36.7	61	16	US-10-329-624-2030	Sequence 2030, Ap
c 213	11	36.7	65	10	US-09-908-975-972	Sequence 972, App
c 214	11	36.7	65	10	US-09-908-975-3197	Sequence 3197, Ap
c 215	11	36.7	65	10	US-09-908-975-23949	Sequence 23949, A
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217	11	36.7	65	10	US-09-908-975-29102	Sequence 29102, A
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c 219	11	36.7	69	18	US-10-830-922-14	Sequence 14, Appl
220	11	36.7	70	18	US-10-793-190-68	Sequence 68, Appl
c 221	11	36.7	71	10	US-09-849-928-314	Sequence 314, App
c 222	11	36.7	71	14	US-10-066-960-314	Sequence 314, App
c 223	11	36.7	71	16	US-10-409-627-314	Sequence 314, App
c 224	11	36.7	71	16	US-10-705-300-314	Sequence 314, App
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231	11	36.7	82	15	US-10-029-386-26023	Sequence 26023, A
c 232	11	36.7	90	16	US-10-296-734-1441	Sequence 1441, Ap
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c 234	11	36.7	96	15	US-10-029-386-19003	Sequence 19003, A
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236	10	33.3	16	9	US-09-765-400-42	Sequence 42, Appl
237	10	33.3	16	16	US-10-376-341-198	Sequence 198, App
238	10	33.3	17	10	US-09-927-046-820	Sequence 820, App
239	10	33.3	17	10	US-09-927-046-1278	Sequence 1278, Ap
240	10	33.3	17	10	US-09-927-046-1505	Sequence 1505, Ap
241	10	33.3	17	10	US-09-927-046-1720	Sequence 1720, Ap
242	10	33.3	17	10	US-09-927-046-1991	Sequence 1991, Ap
243	10	33.3	17	10	US-09-927-046-1993	Sequence 1993, Ap
244	10	33.3	17	10	US-09-927-046-2005	Sequence 2005, Ap
c 245	10	33.3	17	15	US-10-156-306-10	Sequence 10, Appl
246	10	33.3	17	16	US-10-376-341-201	Sequence 201, App
247	10	33.3	17	17	US-10-712-672-2211	Sequence 2211, Ap
248	10	33.3	17	17	US-10-232-923-17	Sequence 17, Appl
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250	10	33.3	19	14	US-10-090-280-42	Sequence 42, Appl
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252	10	33.3	19	15	US-10-211-884-147	Sequence 147, App
253	10	33.3	19	15	US-10-211-858-147	Sequence 147, App
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c 256	10	33.3	19	16	US-10-272-461-41	Sequence 41, Appl
257	10	33.3	20	8	US-08-911-824-112	Sequence 112, App
c 258	10	33.3	20	9	US-09-096-259-15	Sequence 15, Appl
259	10	33.3	20	9	US-09-096-259-20	Sequence 20, Appl
260	10	33.3	20	9	US-09-893-666A-3	Sequence 3, Appli
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c 263	10	33.3	20	9	US-09-263-959-1144	Sequence 1144, Ap
264	10	33.3	20	9	US-09-922-549B-43	Sequence 43, Appl
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c 266	10	33.3	20	10	US-09-824-322B-295	Sequence 295, App
c 267	10	33.3	20	10	US-09-824-322B-438	Sequence 438, App
268	10	33.3	20	10	US-09-888-361-121	Sequence 121, App
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c 270	10	33.3	20	14	US-10-001-076-100	Sequence 100, App
c 271	10	33.3	20	15	US-10-279-186-58	Sequence 58, Appl
c 272	10	33.3	20	15	US-10-279-186-59	Sequence 59, Appl
c 273	10	33.3	20	15	US-10-007-010-80	Sequence 80, Appl
274	10	33.3	20	15	US-10-114-739A-43	Sequence 43, Appl
c 275	10	33.3	20	15	US-10-192-254-15	Sequence 15, Appl
276	10	33.3	20	15	US-10-192-254-20	Sequence 20, Appl
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c 278	10	33.3	20	15	US-10-286-653-29	Sequence 29, Appl
c 279	10	33.3	20	15	US-10-286-653-30	Sequence 30, Appl
280	10	33.3	20	15	US-10-286-653-31	Sequence 31, Appl
281	10	33.3	20	15	US-10-286-653-32	Sequence 32, Appl
c 282	10	33.3	20	15	US-10-286-678-29	Sequence 29, Appl

c 283	10	33.3	20	15	US-10-286-678-30	Sequence 30, Appl
284	10	33.3	20	15	US-10-286-678-31	Sequence 31, Appl
285	10	33.3	20	15	US-10-286-678-32	Sequence 32, Appl
286	10	33.3	20	15	US-10-181-875-70	Sequence 70, Appl
c 287	10	33.3	20	15	US-10-159-266-43	Sequence 43, Appl
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c 289	10	33.3	20	15	US-10-177-554-138	Sequence 138, App
c 290	10	33.3	20	16	US-10-277-216-122	Sequence 122, App
c 291	10	33.3	20	16	US-10-189-256-76	Sequence 76, Appl
292	10	33.3	20	16	US-10-189-256-138	Sequence 138, App
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c 294	10	33.3	20	16	US-10-289-762-4078	Sequence 4078, Ap
295	10	33.3	20	16	US-10-289-762-5804	Sequence 5804, Ap
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297	10	33.3	20	16	US-10-131-827-9001	Sequence 9001, Ap
c 298	10	33.3	20	16	US-10-085-198-569	Sequence 569, App
c 299	10	33.3	20	16	US-10-126-022-122	Sequence 122, App
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c 304	10	33.3	20	16	US-10-272-461-6	Sequence 6, Appli
c 305	10	33.3	20	16	US-10-670-184-95	Sequence 95, Appl
306	10	33.3	20	16	US-10-210-802-76	Sequence 76, Appl
c 307	10	33.3	20	16	US-10-210-802-129	Sequence 129, App
c 308	10	33.3	20	16	US-10-623-472-20	Sequence 20, Appl
c 309	10	33.3	20	17	US-10-319-914-14	Sequence 14, Appl
310	10	33.3	20	17	US-10-319-914-92	Sequence 92, Appl
c 311	10	33.3	20	17	US-10-652-795-295	Sequence 295, App
c 312	10	33.3	20	17	US-10-652-795-438	Sequence 438, App
c 313	10	33.3	20	17	US-10-647-918-295	Sequence 295, App
c 314	10	33.3	20	17	US-10-647-918-438	Sequence 438, App
c 315	10	33.3	20	17	US-10-619-739-2009	Sequence 2009, Ap
316	10	33.3	20	18	US-10-776-013-130	Sequence 130, App
317	10	33.3	20	18	US-10-776-013-131	Sequence 131, App
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319	10	33.3	20	18	US-10-481-364A-60	Sequence 60, Appl
320	10	33.3	20	18	US-10-481-364A-71	Sequence 71, Appl
c 321	10	33.3	20	18	US-10-484-007-44	Sequence 44, Appl
c 322	10	33.3	20	18	US-10-478-914-133	Sequence 133, App
c 323	10	33.3	21	8	US-08-979-847-111	Sequence 111, App
c 324	10	33.3	21	9	US-09-374-671-41	Sequence 41, Appl
325	10	33.3	21	9	US-09-866-230-4	Sequence 4, Appli
c 326	10	33.3	21	11	US-09-727-030C-27	Sequence 27, Appl
c 327	10	33.3	21	14	US-10-196-107A-41	Sequence 41, Appl
c 328	10	33.3	21	15	US-10-005-956-962	Sequence 962, App
329	10	33.3	21	15	US-10-229-834A-8	Sequence 8, Appli
c 330	10	33.3	21	15	US-10-114-104-111	Sequence 111, App
c 331	10	33.3	21	16	US-10-265-649-19	Sequence 19, Appl
332	10	33.3	21	16	US-10-403-676-137	Sequence 137, App
333	10	33.3	21	16	US-10-042-865-201	Sequence 201, App
c 334	10	33.3	21	16	US-10-262-511-362	Sequence 362, App
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c 339	10	33.3	21	18	US-10-786-720-11079	Sequence 11079, A

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346	10	33.3	21	18	US-10-786-720-13600	Sequence 13600, A
347	10	33.3	21	18	US-10-786-720-13601	Sequence 13601, A
c 348	10	33.3	21	18	US-10-786-720-13602	Sequence 13602, A
349	10	33.3	21	18	US-10-786-720-13603	Sequence 13603, A
350	10	33.3	21	18	US-10-786-720-13604	Sequence 13604, A
c 351	10	33.3	21	18	US-10-786-720-13605	Sequence 13605, A
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c 354	10	33.3	21	18	US-10-786-720-13809	Sequence 13809, A
355	10	33.3	21	18	US-10-786-720-13810	Sequence 13810, A
356	10	33.3	21	18	US-10-786-720-13811	Sequence 13811, A
c 357	10	33.3	21	18	US-10-786-720-13812	Sequence 13812, A
358	10	33.3	21	18	US-10-786-720-13813	Sequence 13813, A
c 359	10	33.3	21	18	US-10-683-990-201	Sequence 201, App
360	10	33.3	21	18	US-10-683-990-205	Sequence 205, App
c 361	10	33.3	21	18	US-10-683-990-209	Sequence 209, App
362	10	33.3	21	18	US-10-683-990-213	Sequence 213, App
c 363	10	33.3	21	18	US-10-683-990-217	Sequence 217, App
364	10	33.3	21	18	US-10-683-990-221	Sequence 221, App
c 365	10	33.3	21	18	US-10-683-990-225	Sequence 225, App
366	10	33.3	21	18	US-10-683-990-229	Sequence 229, App
c 367	10	33.3	21	18	US-10-683-990-233	Sequence 233, App
368	10	33.3	21	18	US-10-683-990-237	Sequence 237, App
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370	10	33.3	21	18	US-10-469-866-22	Sequence 22, Appl
371	10	33.3	21	18	US-10-808-522-29	Sequence 29, Appl
372	10	33.3	21	18	US-10-808-522-46	Sequence 46, Appl
373	10	33.3	21	18	US-10-808-522-83	Sequence 83, Appl
374	10	33.3	21	18	US-10-808-522-103	Sequence 103, App
375	10	33.3	21	18	US-10-808-522-140	Sequence 140, App
376	10	33.3	21	18	US-10-808-522-155	Sequence 155, App
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c 378	10	33.3	21	18	US-10-751-736-1955	Sequence 1955, Ap
c 379	10	33.3	21	18	US-10-751-736-1957	Sequence 1957, Ap
c 380	10	33.3	21	18	US-10-751-736-2206	Sequence 2206, Ap
c 381	10	33.3	21	18	US-10-751-736-2207	Sequence 2207, Ap
c 382	10	33.3	21	18	US-10-751-736-2419	Sequence 2419, Ap
c 383	10	33.3	21	18	US-10-751-736-2420	Sequence 2420, Ap
c 384	10	33.3	21	18	US-10-751-736-2578	Sequence 2578, Ap
c 385	10	33.3	21	18	US-10-751-736-2579	Sequence 2579, Ap
c 386	10	33.3	21	18	US-10-751-736-4642	Sequence 4642, Ap
c 387	10	33.3	21	18	US-10-751-736-4643	Sequence 4643, Ap
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c 389	10	33.3	21	18	US-10-751-736-5126	Sequence 5126, Ap
c 390	10	33.3	21	18	US-10-751-736-5476	Sequence 5476, Ap
c 391	10	33.3	21	18	US-10-751-736-10413	Sequence 10413, A
c 392	10	33.3	21	18	US-10-751-736-10416	Sequence 10416, A
c 393	10	33.3	21	18	US-10-751-736-10692	Sequence 10692, A
c 394	10	33.3	21	18	US-10-751-736-16188	Sequence 16188, A
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403	10	33.3	21	18	US-10-751-736-48220	Sequence 48220, A
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407	10	33.3	21	18	US-10-751-736-48278	Sequence 48278, A
408	10	33.3	21	18	US-10-751-736-48280	Sequence 48280, A
409	10	33.3	21	18	US-10-751-736-48281	Sequence 48281, A
410	10	33.3	22	9	US-09-758-987-3	Sequence 3, Appli
c 411	10	33.3	22	9	US-09-875-338-29	Sequence 29, Appli
412	10	33.3	22	9	US-09-459-749D-12	Sequence 12, Appli
c 413	10	33.3	22	10	US-09-990-613-10	Sequence 10, Appli
c 414	10	33.3	22	14	US-10-077-023-29	Sequence 29, Appli
c 415	10	33.3	22	15	US-10-254-676-13	Sequence 13, Appli
c 416	10	33.3	22	16	US-10-114-270-311	Sequence 311, App
417	10	33.3	22	16	US-10-409-107A-50	Sequence 50, Appl
418	10	33.3	22	18	US-10-472-587-16	Sequence 16, Appl
419	10	33.3	22	18	US-10-477-166-5	Sequence 5, Appli
420	10	33.3	22	18	US-10-270-871-12	Sequence 12, Appl
421	10	33.3	23	15	US-10-174-293-27	Sequence 27, Appl
422	10	33.3	23	15	US-10-032-585-4368	Sequence 4368, Ap
c 423	10	33.3	23	15	US-10-336-840-26	Sequence 26, Appl
424	10	33.3	23	16	US-10-409-107A-98	Sequence 98, Appl
425	10	33.3	23	16	US-10-280-183A-96	Sequence 96, Appl
c 426	10	33.3	24	10	US-09-940-185-2311	Sequence 2311, Ap
427	10	33.3	24	13	US-10-027-632-58947	Sequence 58947, A
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429	10	33.3	24	15	US-10-166-841-9	Sequence 9, Appli
430	10	33.3	24	15	US-10-321-807-77	Sequence 77, Appl
431	10	33.3	24	15	US-10-321-807-125	Sequence 125, App
c 432	10	33.3	24	15	US-10-112-280-2	Sequence 2, Appli
433	10	33.3	24	15	US-10-027-632-58947	Sequence 58947, A
434	10	33.3	24	15	US-10-027-632-58966	Sequence 58966, A
c 435	10	33.3	24	17	US-10-644-325-17	Sequence 17, Appl
436	10	33.3	24	17	US-10-321-807-77	Sequence 77, Appl
437	10	33.3	24	17	US-10-321-807-125	Sequence 125, App
438	10	33.3	24	17	US-10-314-048A-77	Sequence 77, Appl
439	10	33.3	24	17	US-10-314-048A-125	Sequence 125, App
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441	10	33.3	24	18	US-10-897-815-77	Sequence 77, Appl
442	10	33.3	24	18	US-10-897-815-125	Sequence 125, App
c 443	10	33.3	25	8	US-08-424-550B-680	Sequence 680, App
c 444	10	33.3	25	9	US-09-989-722-395	Sequence 395, App
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c 447	10	33.3	25	9	US-09-989-727-395	Sequence 395, App
c 448	10	33.3	25	9	US-09-989-731-395	Sequence 395, App
c 449	10	33.3	25	9	US-09-989-732-395	Sequence 395, App
c 450	10	33.3	25	9	US-09-991-073-395	Sequence 395, App
c 451	10	33.3	25	9	US-09-990-442-395	Sequence 395, App
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c 459	10	33 . 3	25	9	US-09-990-444-395	Sequence 395, App
c 460	10	33 . 3	25	9	US-09-991-181-395	Sequence 395, App
c 461	10	33 . 3	25	9	US-09-989-730-395	Sequence 395, App
c 462	10	33 . 3	25	9	US-09-990-436-395	Sequence 395, App
c 463	10	33 . 3	25	9	US-09-993-687-395	Sequence 395, App
c 464	10	33 . 3	25	10	US-09-989-734-395	Sequence 395, App
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c 466	10	33 . 3	25	10	US-09-997-653-395	Sequence 395, App
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c 468	10	33 . 3	25	10	US-09-989-728-395	Sequence 395, App
c 469	10	33 . 3	25	10	US-09-990-441-395	Sequence 395, App
c 470	10	33 . 3	25	10	US-09-993-667-395	Sequence 395, App
c 471	10	33 . 3	25	10	US-09-997-428-395	Sequence 395, App
c 472	10	33 . 3	25	10	US-09-997-666-395	Sequence 395, App
c 473	10	33 . 3	25	10	US-09-990-438-395	Sequence 395, App
c 474	10	33 . 3	25	10	US-09-990-562-395	Sequence 395, App
c 475	10	33 . 3	25	10	US-09-990-711-395	Sequence 395, App
c 476	10	33 . 3	25	10	US-09-989-726-395	Sequence 395, App
c 477	10	33 . 3	25	10	US-09-998-156-395	Sequence 395, App
c 478	10	33 . 3	25	10	US-09-990-437-395	Sequence 395, App
c 479	10	33 . 3	25	10	US-09-991-157-395	Sequence 395, App
c 480	10	33 . 3	25	10	US-09-997-514-395	Sequence 395, App
c 481	10	33 . 3	25	10	US-09-997-573-395	Sequence 395, App
c 482	10	33 . 3	25	10	US-09-991-172-395	Sequence 395, App
c 483	10	33 . 3	25	10	US-09-990-726-395	Sequence 395, App
c 484	10	33 . 3	25	10	US-09-997-559-395	Sequence 395, App
c 485	10	33 . 3	25	10	US-09-997-601-395	Sequence 395, App
c 486	10	33 . 3	25	10	US-09-990-443-395	Sequence 395, App
c 487	10	33 . 3	25	10	US-09-991-854-395	Sequence 395, App
c 488	10	33 . 3	25	10	US-09-997-628-395	Sequence 395, App
c 489	10	33 . 3	25	10	US-09-997-683-395	Sequence 395, App
c 490	10	33 . 3	25	10	US-09-989-729A-395	Sequence 395, App
c 491	10	33 . 3	25	10	US-09-997-349-395	Sequence 395, App
c 492	10	33 . 3	25	10	US-09-997-440-395	Sequence 395, App
c 493	10	33 . 3	25	10	US-09-990-440-395	Sequence 395, App
c 494	10	33 . 3	25	10	US-09-997-857-395	Sequence 395, App
c 495	10	33 . 3	25	10	US-09-993-469-395	Sequence 395, App
c 496	10	33 . 3	25	10	US-09-997-542-395	Sequence 395, App
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c 499	10	33 . 3	25	10	US-09-990-427-395	Sequence 395, App
c 500	10	33 . 3	25	10	US-09-989-328-395	Sequence 395, App
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c 506	10	33 . 3	25	10	US-09-998-041-395	Sequence 395, App
c 507	10	33 . 3	25	10	US-09-997-585-395	Sequence 395, App
c 508	10	33 . 3	25	10	US-09-997-614-395	Sequence 395, App
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c 513	10	33.3	25	10	US-09-997-641-395	Sequence 395, App
c 514	10	33.3	25	10	US-09-989-733-395	Sequence 395, App
c 515	10	33.3	25	10	US-09-992-643-395	Sequence 395, App
c 516	10	33.3	25	14	US-10-076-597-2	Sequence 2, Appli
c 517	10	33.3	25	14	US-10-215-112-2814	Sequence 2814, Ap
c 518	10	33.3	25	14	US-10-215-112-3954	Sequence 3954, Ap
519	10	33.3	25	14	US-10-215-112-6407	Sequence 6407, Ap
c 520	10	33.3	25	14	US-10-215-112-8283	Sequence 8283, Ap
521	10	33.3	25	14	US-10-215-112-13369	Sequence 13369, A
c 522	10	33.3	25	15	US-10-098-263B-449	Sequence 449, App
523	10	33.3	25	15	US-10-098-263B-10445	Sequence 10445, A
524	10	33.3	25	15	US-10-098-263B-11073	Sequence 11073, A
525	10	33.3	25	15	US-10-098-263B-13464	Sequence 13464, A
526	10	33.3	25	15	US-10-098-263B-19962	Sequence 19962, A
527	10	33.3	25	15	US-10-098-263B-23238	Sequence 23238, A
528	10	33.3	25	15	US-10-098-263B-30965	Sequence 30965, A
529	10	33.3	25	15	US-10-098-263B-31743	Sequence 31743, A
530	10	33.3	25	15	US-10-098-263B-32473	Sequence 32473, A
c 531	10	33.3	25	15	US-10-098-263B-37087	Sequence 37087, A
c 532	10	33.3	25	15	US-10-098-263B-37088	Sequence 37088, A
533	10	33.3	25	15	US-10-098-263B-42764	Sequence 42764, A
534	10	33.3	25	15	US-10-098-263B-44338	Sequence 44338, A
535	10	33.3	25	15	US-10-098-263B-45717	Sequence 45717, A
536	10	33.3	25	15	US-10-098-263B-45718	Sequence 45718, A
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538	10	33.3	25	15	US-10-098-263B-50614	Sequence 50614, A
539	10	33.3	25	15	US-10-098-263B-52408	Sequence 52408, A
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c 543	10	33.3	25	15	US-10-098-263B-58466	Sequence 58466, A
c 544	10	33.3	25	15	US-10-098-263B-59023	Sequence 59023, A
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548	10	33.3	25	15	US-10-098-263B-64671	Sequence 64671, A
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551	10	33.3	25	15	US-10-098-263B-65290	Sequence 65290, A
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557	10	33.3	25	15	US-10-098-263B-80714	Sequence 80714, A
558	10	33.3	25	15	US-10-098-263B-81386	Sequence 81386, A
559	10	33.3	25	15	US-10-098-263B-82577	Sequence 82577, A
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564	10	33.3	25	15	US-10-098-263B-99289	Sequence 99289, A
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c 572	10	33.3	25	15	US-10-098-263B-113882	Sequence 113882,
c 573	10	33.3	25	15	US-10-098-263B-116201	Sequence 116201,
c 574	10	33.3	25	15	US-10-098-263B-116202	Sequence 116202,
575	10	33.3	25	15	US-10-098-263B-121485	Sequence 121485,
576	10	33.3	25	15	US-10-098-263B-123251	Sequence 123251,
577	10	33.3	25	15	US-10-098-263B-123252	Sequence 123252,
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c 579	10	33.3	25	15	US-10-098-263B-128392	Sequence 128392,
580	10	33.3	25	15	US-10-098-263B-128711	Sequence 128711,
c 581	10	33.3	25	15	US-10-114-153-243	Sequence 243, App
c 582	10	33.3	25	15	US-10-114-153-246	Sequence 246, App
c 583	10	33.3	25	15	US-10-114-153-249	Sequence 249, App
584	10	33.3	25	15	US-10-099-322-265	Sequence 265, App
c 585	10	33.3	25	15	US-10-219-538-395	Sequence 395, App
586	10	33.3	25	16	US-10-044-564-265	Sequence 265, App
c 587	10	33.3	25	16	US-10-262-839-231	Sequence 231, App
c 588	10	33.3	25	16	US-10-262-839-234	Sequence 234, App
c 589	10	33.3	25	16	US-10-262-839-237	Sequence 237, App
c 590	10	33.3	25	16	US-10-210-172-206	Sequence 206, App
c 591	10	33.3	25	16	US-10-210-172-209	Sequence 209, App
c 592	10	33.3	25	16	US-10-210-172-212	Sequence 212, App
593	10	33.3	25	17	US-10-717-597-816	Sequence 816, App
594	10	33.3	25	17	US-10-717-597-817	Sequence 817, App
595	10	33.3	25	17	US-10-717-597-818	Sequence 818, App
596	10	33.3	25	17	US-10-717-597-819	Sequence 819, App
597	10	33.3	25	17	US-10-717-597-820	Sequence 820, App
c 598	10	33.3	25	17	US-10-717-597-3000	Sequence 3000, Ap
599	10	33.3	25	17	US-10-775-169-616	Sequence 616, App
600	10	33.3	25	17	US-10-775-169-667	Sequence 667, App
601	10	33.3	25	17	US-10-775-169-668	Sequence 668, App
602	10	33.3	25	17	US-10-775-169-4350	Sequence 4350, Ap
c 603	10	33.3	25	17	US-10-775-169-5262	Sequence 5262, Ap
c 604	10	33.3	26	9	US-09-737-149-18	Sequence 18, Appl
605	10	33.3	26	10	US-09-876-252-71	Sequence 71, Appl
c 606	10	33.3	26	10	US-09-864-636A-2147	Sequence 2147, Ap
c 607	10	33.3	26	11	US-09-864-426A-2147	Sequence 2147, Ap
c 608	10	33.3	26	15	US-10-084-839-2147	Sequence 2147, Ap
609	10	33.3	26	15	US-10-417-820A-71	Sequence 71, Appl
c 610	10	33.3	26	15	US-10-024-212-178	Sequence 178, App
c 611	10	33.3	26	15	US-10-024-212-181	Sequence 181, App
c 612	10	33.3	26	15	US-10-024-212-184	Sequence 184, App
613	10	33.3	26	16	US-10-087-684-182	Sequence 182, App
614	10	33.3	26	16	US-10-218-779-182	Sequence 182, App
615	10	33.3	26	16	US-10-029-020-117	Sequence 117, App
c 616	10	33.3	26	16	US-10-701-283-18	Sequence 18, Appl
617	10	33.3	26	17	US-10-723-955-71	Sequence 71, Appl
c 618	10	33.3	27	9	US-09-949-713-7	Sequence 7, Appli
c 619	10	33.3	27	9	US-09-781-804-34	Sequence 34, Appl
c 620	10	33.3	27	9	US-09-781-804-35	Sequence 35, Appl
621	10	33.3	27	10	US-09-894-799-27	Sequence 27, Appl
c 622	10	33.3	27	14	US-10-246-581-17	Sequence 17, Appl
623	10	33.3	27	15	US-10-320-230-3	Sequence 3, Appli
624	10	33.3	27	15	US-10-373-355-4	Sequence 4, Appli

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626	10	33.3	27	15	US-10-374-539-15	Sequence 15, Appl
c 627	10	33.3	27	15	US-10-341-967-53	Sequence 53, Appl
c 628	10	33.3	27	15	US-10-341-967-54	Sequence 54, Appl
629	10	33.3	27	15	US-10-348-110-3	Sequence 3, Appl
c 630	10	33.3	27	16	US-10-296-718-12	Sequence 12, Appl
c 631	10	33.3	27	16	US-10-272-461-90	Sequence 90, Appl
632	10	33.3	27	16	US-10-648-984-27	Sequence 27, Appl
c 633	10	33.3	27	16	US-10-716-062-34	Sequence 34, Appl
c 634	10	33.3	27	16	US-10-716-062-35	Sequence 35, Appl
635	10	33.3	27	17	US-10-439-262-13	Sequence 13, Appl
636	10	33.3	27	18	US-10-663-875-15	Sequence 15, Appl
c 637	10	33.3	28	17	US-10-697-036-47	Sequence 47, Appl
c 638	10	33.3	28	18	US-10-758-307-190	Sequence 190, App
c 639	10	33.3	28	18	US-10-820-060-45	Sequence 45, Appl
640	10	33.3	29	9	US-09-769-864-26	Sequence 26, Appl
c 641	10	33.3	29	9	US-09-863-040-66	Sequence 66, Appl
642	10	33.3	29	10	US-09-915-815-14	Sequence 14, Appl
643	10	33.3	29	13	US-10-114-893-249	Sequence 249, App
c 644	10	33.3	29	14	US-10-270-555-13	Sequence 13, Appl
c 645	10	33.3	29	15	US-10-336-638-72	Sequence 72, Appl
646	10	33.3	29	15	US-10-336-638-806	Sequence 806, App
c 647	10	33.3	29	15	US-10-454-210-66	Sequence 66, Appl
648	10	33.3	29	16	US-10-665-667-26	Sequence 26, Appl
649	10	33.3	30	9	US-09-759-352-48	Sequence 48, Appl
c 650	10	33.3	30	9	US-09-252-150-58	Sequence 58, Appl
651	10	33.3	30	9	US-09-995-225-38	Sequence 38, Appl
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c 654	10	33.3	30	10	US-09-977-751C-78	Sequence 78, Appl
655	10	33.3	30	10	US-09-995-225-38	Sequence 38, Appl
c 656	10	33.3	30	10	US-09-977-639A-78	Sequence 78, Appl
c 657	10	33.3	30	11	US-09-977-819B-78	Sequence 78, Appl
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c 662	10	33.3	30	16	US-10-399-673-18	Sequence 18, Appl
663	10	33.3	30	18	US-10-477-238A-790	Sequence 790, App
664	10	33.3	30	18	US-10-680-287A-790	Sequence 790, App
c 665	10	33.3	30	18	US-10-646-381-58	Sequence 58, Appl
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667	10	33.3	31	14	US-10-123-170-11	Sequence 11, Appl
668	10	33.3	31	15	US-10-156-306-3022	Sequence 3022, Ap
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c 673	10	33.3	33	11	US-09-835-694-3	Sequence 3, Appli
c 674	10	33.3	33	11	US-09-835-694-39	Sequence 39, Appl
675	10	33.3	33	15	US-10-109-791A-93	Sequence 93, Appl
c 676	10	33.3	33	15	US-10-109-791A-94	Sequence 94, Appl
677	10	33.3	33	15	US-10-109-791A-95	Sequence 95, Appl
c 678	10	33.3	33	15	US-10-109-791A-96	Sequence 96, Appl
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c 680	10	33.3	33	17	US-10-678-816-31	Sequence 31, Appl
681	10	33.3	34	8	US-08-911-824-25	Sequence 25, Appl

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683	10	33.3	34	15	US-10-084-843-38	Sequence 38, Appl
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c 685	10	33.3	35	14	US-10-137-351-6	Sequence 6, Appl
c 686	10	33.3	35	15	US-10-099-322-287	Sequence 287, App
c 687	10	33.3	35	16	US-10-044-564-287	Sequence 287, App
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689	10	33.3	36	9	US-09-504-231A-2475	Sequence 2475, Ap
690	10	33.3	36	9	US-09-274-553D-2475	Sequence 2475, Ap
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694	10	33.3	37	17	US-10-287-949A-20221	Sequence 20221, A
695	10	33.3	38	10	US-09-780-533A-3632	Sequence 3632, Ap
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703	10	33.3	38	16	US-10-138-674-12970	Sequence 12970, A
704	10	33.3	38	16	US-10-138-674-14735	Sequence 14735, A
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706	10	33.3	38	17	US-10-287-949A-10097	Sequence 10097, A
707	10	33.3	38	17	US-10-287-949A-12970	Sequence 12970, A
708	10	33.3	38	17	US-10-287-949A-14735	Sequence 14735, A
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c 713	10	33.3	39	14	US-10-246-581-21	Sequence 21, Appl
c 714	10	33.3	39	14	US-10-246-581-23	Sequence 23, Appl
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716	10	33.3	39	15	US-10-002-244-22	Sequence 22, Appl
717	10	33.3	39	15	US-10-002-244-51	Sequence 51, Appl
718	10	33.3	39	15	US-10-002-244-54	Sequence 54, Appl
719	10	33.3	39	15	US-10-341-967-20	Sequence 20, Appl
c 720	10	33.3	39	16	US-10-453-827-962	Sequence 962, App
c 721	10	33.3	39	16	US-10-453-827-1109	Sequence 1109, Ap
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723	10	33.3	40	15	US-10-109-349A-72	Sequence 72, Appl
724	10	33.3	40	18	US-10-469-851-96	Sequence 96, Appl
725	10	33.3	40	18	US-10-469-851-168	Sequence 168, App
c 726	10	33.3	40	18	US-10-469-851-171	Sequence 171, App
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c 728	10	33.3	41	16	US-10-035-833A-2065	Sequence 2065, Ap
c 729	10	33.3	41	16	US-10-035-833A-7322	Sequence 7322, Ap
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731	10	33.3	43	15	US-10-032-585-1833	Sequence 1833, Ap
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	742	10	33.3	45	18	US-10-913-226-2	Sequence 2, Appli
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c	745	10	33.3	45	18	US-10-913-271-3	Sequence 3, Appli
	746	10	33.3	45	18	US-10-913-779-2	Sequence 2, Appli
c	747	10	33.3	45	18	US-10-913-779-3	Sequence 3, Appli
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	749	10	33.3	46	16	US-10-220-418-20	Sequence 20, Appl
	750	10	33.3	47	8	US-08-911-824-109	Sequence 109, App
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	753	10	33.3	47	16	US-10-349-143-544	Sequence 544, App
	754	10	33.3	47	16	US-10-349-143-1414	Sequence 1414, Ap
	755	10	33.3	47	16	US-10-349-143-2358	Sequence 2358, Ap
c	756	10	33.3	47	16	US-10-349-143-3304	Sequence 3304, Ap
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	758	10	33.3	48	9	US-09-864-785-3131	Sequence 3131, Ap
	759	10	33.3	48	11	US-09-842-776A-5	Sequence 5, Appli
	760	10	33.3	50	8	US-08-781-986A-2846	Sequence 2846, Ap
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	762	10	33.3	50	16	US-10-131-827-476	Sequence 476, App
c	763	10	33.3	50	16	US-10-131-827-676	Sequence 676, App
c	764	10	33.3	50	16	US-10-131-827-1654	Sequence 1654, Ap
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	767	10	33.3	50	16	US-10-131-827-2977	Sequence 2977, Ap
	768	10	33.3	50	16	US-10-131-827-3189	Sequence 3189, Ap
c	769	10	33.3	50	16	US-10-131-827-7248	Sequence 7248, Ap
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	773	10	33.3	50	16	US-10-375-293A-8	Sequence 8, Appli
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c	776	10	33.3	51	18	US-10-813-638-961	Sequence 961, App
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	778	10	33.3	51	18	US-10-865-478-586	Sequence 586, App
	779	10	33.3	53	9	US-09-912-436-13	Sequence 13, Appl
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c	781	10	33.3	54	10	US-09-900-345A-163	Sequence 163, App
c	782	10	33.3	54	15	US-10-305-765-192	Sequence 192, App
c	783	10	33.3	54	15	US-10-305-765-197	Sequence 197, App
c	784	10	33.3	54	15	US-10-305-633-192	Sequence 192, App
c	785	10	33.3	54	15	US-10-305-633-197	Sequence 197, App
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c	787	10	33.3	55	13	US-10-027-632-51895	Sequence 51895, A
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c	789	10	33.3	55	15	US-10-027-632-51895	Sequence 51895, A
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	792	10	33.3	59	14	US-10-005-338B-19	Sequence 19, Appl
	793	10	33.3	59	16	US-10-035-833A-7329	Sequence 7329, Ap
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862	10	33.3	64	8	US-08-911-824-24	Sequence 24, Appl
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c 865	10	33.3	65	10	US-09-908-975-352	Sequence 352, App
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868	10	33.3	65	10	US-09-908-975-1121	Sequence 1121, Ap
c 869	10	33.3	65	10	US-09-908-975-1686	Sequence 1686, Ap
c 870	10	33.3	65	10	US-09-908-975-2315	Sequence 2315, Ap
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c 872	10	33.3	65	10	US-09-908-975-2680	Sequence 2680, Ap
c 873	10	33.3	65	10	US-09-908-975-2738	Sequence 2738, Ap
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OM nucleic - nucleic search, using sw model

Run on: January 15, 2005, 06:29:21 ; Search time 975.155 Seconds  
(without alignments)  
1121.045 Million cell updates/sec

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Scoring table: OLIGO\_NUC  
Gapext 60.0 , Gapext 60.0

Searched: 32822875 seqs, 18219865908 residues

Word size : 10

Total number of hits satisfying chosen parameters: 859

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Listing first 1000 summaries

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6: gb\_est5:  
7: gb\_est6:  
8: gb\_gss1:  
9: gb\_gss2:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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	57	11	36.7	52	8	BZ762159 SALK_0917
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	70	11	36.7	62	8	BZ662110	BZ662110 SALK_0255
	71	11	36.7	62	9	TA367H04Q	AL495257 T. brucei
c	72	11	36.7	63	9	CG545960	CG545960 OST144793
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	74	11	36.7	64	4	BG940751	BG940751 ax07d09.y
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	76	11	36.7	65	1	AL849834	AL849834 AL849834
	77	11	36.7	65	8	BZ591541	BZ591541 3590_1_87
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	79	11	36.7	67	9	CR113573	CR113573 Forward s
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c	83	11	36.7	68	6	CD967048	CD967048 SER_5 Gen
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	85	11	36.7	69	8	BH915708	BH915708 3526_1_49
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	91	11	36.7	72	9	CG528176	CG528176 OST107204
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c	116	11	36.7	83	9	CG652012	CG652012 OST414365
	117	11	36.7	83	9	CG659502	CG659502 OST437613
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	120	11	36.7	84	8	AZ600863	AZ600863 1M0418D24
	121	11	36.7	84	9	AG188017	AG188017 Pan trogl
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c 144	11	36.7	90	9	LBAF038D05	BX542938 Leishmani
145	11	36.7	91	1	AA292103	AA292103 zr58h02.r
c 146	11	36.7	91	5	BP130620	BP130620 BP130620
147	11	36.7	91	9	CG530700	CG530700 OST112617
148	11	36.7	92	1	AA619415	AA619415 vo84a05.r
149	11	36.7	92	8	B30823	B30823 HS-1003-A2-
c 150	11	36.7	92	8	BZ380539	BZ380539 SALK_1152
151	11	36.7	92	9	TA205D10Q	AL476385 T. brucei
152	11	36.7	93	8	BH215603	BH215603 1006027G1
c 153	11	36.7	93	9	CG522946	CG522946 OST93539
154	11	36.7	94	7	N59325	N59325 yz22g08.r1
c 155	11	36.7	94	9	CG661122	CG661122 OST441802
156	11	36.7	95	7	CF883494	CF883494 tric088xn
157	11	36.7	95	9	CR240017	CR240017 Forward s
c 158	11	36.7	96	1	AA127992	AA127992 zl13f04.r
c 159	11	36.7	96	1	AI965895	AI965895 sc79d07.y
c 160	11	36.7	96	1	AV970576	AV970576 AV970576
161	11	36.7	96	8	BH813655	BH813655 SALK_0645
162	11	36.7	96	9	CG626811	CG626811 OST335475
163	11	36.7	97	2	BF507163	BF507163 24935P-6
164	11	36.7	97	9	CG635803	CG635803 OST359082
165	11	36.7	98	1	AA060670	AA060670 mj64d11.r
c 166	11	36.7	98	9	FR0023603	AL016461 F.rubripe
167	11	36.7	98	9	CG662679	CG662679 OST446814
168	11	36.7	99	5	BQ028299	BQ028299 UI-H-C00-
169	11	36.7	99	8	BH228633	BH228633 1006147H0
170	11	36.7	100	1	AA663032	AA663032 ab72b07.s
171	11	36.7	100	1	AA127956	AA127956 zl13f04.s
c 172	11	36.7	100	2	BF119315	BF119315 601757329
c 173	11	36.7	100	4	BF990067	BF990067 MR3-GN014
174	10	33.3	15	9	CL436203	CL436203 PST2506-N
175	10	33.3	21	6	CF325365	CF325365 JMT1--03-
176	10	33.3	23	8	AZ309027	AZ309027 1M0012I07
c 177	10	33.3	23	8	AZ802022	AZ802022 2M0060C15
c 178	10	33.3	23	8	AZ974615	AZ974615 2M0249H18
c 179	10	33.3	24	8	AZ583558	AZ583558 1M0378J01
180	10	33.3	24	9	AJ594755	AJ594755 Arabidops

c	181	10	33.3	27	8	AZ483323	AZ483323	1M0308J22
	182	10	33.3	28	5	BQ589286	BQ589286	S014007-0
c	183	10	33.3	28	8	AZ592086	AZ592086	1M0402L10
c	184	10	33.3	31	8	AZ657691	AZ657691	1M0534J06
	185	10	33.3	31	8	AZ995788	AZ995788	2M0281D15
c	186	10	33.3	33	4	BJ046766	BJ046766	BJ046766
c	187	10	33.3	33	9	CL659693	CL659693	PRI0135a_
	188	10	33.3	34	1	AU007062	AU007062	AU007062
c	189	10	33.3	36	8	BH609577	BH609577	HIV10C05
	190	10	33.3	36	9	DME545167	AJ545167	Drosophil
	191	10	33.3	37	8	AZ797426	AZ797426	2M0053H10
	192	10	33.3	37	9	CL521441	CL521441	SER3A09 F
	193	10	33.3	38	2	BE261178	BE261178	601152951
c	194	10	33.3	38	8	AZ812945	AZ812945	2M0080C03
c	195	10	33.3	39	8	AZ416776	AZ416776	1M0192J07
	196	10	33.3	39	8	AZ500139	AZ500139	1M0338O14
	197	10	33.3	40	1	AA958439	AA958439	ua12d01.r
c	198	10	33.3	40	6	CF280638	CF280638	14ETL--07
	199	10	33.3	40	7	CO258621	CO258621	VRK352 Vi
	200	10	33.3	40	9	CL517413	CL517413	DAA3H12 F
c	201	10	33.3	41	8	BZ589522	BZ589522	3590_1_70
	202	10	33.3	43	8	AZ807491	AZ807491	2M0070E22
	203	10	33.3	43	8	BH901899	BH901899	SALK_0909
c	204	10	33.3	43	9	AJ588681	AJ588681	Arabidops
	205	10	33.3	43	9	TA117A10P	AL462717	T. brucei
	206	10	33.3	44	9	CL214478	CL214478	W080D08 G
	207	10	33.3	44	9	CL519228	CL519228	DAF9D08 F
	208	10	33.3	44	9	CL519559	CL519559	DAG6A06 F
	209	10	33.3	45	1	AA683880	AA683880	vr06c09.r
c	210	10	33.3	45	1	AJ651025	AJ651025	AJ651025
	211	10	33.3	45	6	CA850746	CA850746	D06B01_B0
c	212	10	33.3	46	8	BZ289950	BZ289950	SALK_0233
c	213	10	33.3	46	9	AL938361	AL938361	Arabidops
	214	10	33.3	48	8	BZ592555	BZ592555	1(2)SH017
c	215	10	33.3	48	9	CR402344	CR402344	Arabidops
c	216	10	33.3	49	6	CA341266	CA341266	pk13c02.x
c	217	10	33.3	49	8	AZ435462	AZ435462	1M0222F03
	218	10	33.3	49	8	AZ817223	AZ817223	2M0086N19
	219	10	33.3	49	9	CL520524	CL520524	DAI7C01 F
c	220	10	33.3	50	1	AU102988	AU102988	AU102988
c	221	10	33.3	50	6	CA969709	CA969709	CcLX06a24
c	222	10	33.3	51	4	BG222744	BG222744	nah38b07.
c	223	10	33.3	51	4	BG272628	BG272628	nah28e12.
	224	10	33.3	51	8	BH214935	BH214935	1006012D0
	225	10	33.3	51	9	CR066986	CR066986	Forward s
	226	10	33.3	51	9	LBAF012G02	BX540068	Leishmani
	227	10	33.3	51	9	CL529257	CL529257	HIV36B4.x
c	228	10	33.3	52	4	BG525757	BG525757	49-39 Ste
	229	10	33.3	52	9	AJ599509	AJ599509	Arabidops
	230	10	33.3	52	9	BX289103	BX289103	Arabidops
	231	10	33.3	52	9	CL437862	CL437862	PST6428-N
c	232	10	33.3	53	2	BF211235	BF211235	601812663
c	233	10	33.3	53	4	BG272443	BG272443	nah30g03.
	234	10	33.3	53	6	CA339521	CA339521	NISC_ly03
	235	10	33.3	53	6	CB353553	CB353553	ZF001-P00
	236	10	33.3	54	1	AI253778	AI253778	aq29f10.x
	237	10	33.3	54	1	AI877662	AI877662	fc50b05.y

238	10	33.3	54	1	AV833768	AV833768	AV833768
239	10	33.3	54	6	CA850918	CA850918	D08B03_D1
240	10	33.3	54	6	CB226319	CB226319	1RT32H11
c 241	10	33.3	54	7	CF929488	CF929488	lag47g09.
c 242	10	33.3	54	8	AZ774246	AZ774246	2M0003K19
c 243	10	33.3	54	9	CR113657	CR113657	Forward s
c 244	10	33.3	55	1	AJ239854	AJ239854	AJ239854
245	10	33.3	55	4	BM043974	BM043974	603620958
246	10	33.3	56	9	CL521051	CL521051	SAK8C07 F
c 247	10	33.3	57	1	AL797516	AL797516	AL797516
c 248	10	33.3	57	1	AA591865	AA591865	v115g09.r
249	10	33.3	57	8	AZ308427	AZ308427	1M0011F22
c 250	10	33.3	57	8	AZ813948	AZ813948	2M0081M21
251	10	33.3	58	1	AA948422	AA948422	on52e09.s
c 252	10	33.3	58	1	AI965857	AI965857	sc78g02.y
c 253	10	33.3	58	1	AA562947	AA562947	v157b08.r
254	10	33.3	58	6	CA898152	CA898152	PCEP03055
255	10	33.3	58	7	H55535	H55535	CHR220474 C
256	10	33.3	58	8	BH792160	BH792160	SALK_0628
c 257	10	33.3	58	9	AJ601313	AJ601313	Arabidops
258	10	33.3	58	9	AL947414	AL947414	Arabidops
c 259	10	33.3	58	9	BX537068	BX537068	Arabidops
260	10	33.3	59	6	CB356654	CB356654	ZF001-P00
261	10	33.3	59	8	AZ826832	AZ826832	2M0102A20
262	10	33.3	59	9	CL522648	CL522648	DAK5A02 F
c 263	10	33.3	60	2	AW263795	AW263795	xq48b03.x
264	10	33.3	60	4	BJ080479	BJ080479	BJ080479
265	10	33.3	60	6	CD940428	CD940428	RAM_54 Ge
c 266	10	33.3	60	6	CD967819	CD967819	SEY_253 G
267	10	33.3	60	7	H52868	H52868	EST0022 Tes
268	10	33.3	60	7	U44159	U44159	ENU44159 As
269	10	33.3	60	8	AZ622294	AZ622294	1M0459C06
c 270	10	33.3	60	9	BX662344	BX662344	Arabidops
271	10	33.3	61	1	AV851846	AV851846	AV851846
272	10	33.3	61	6	CA772274	CA772274	io94all.y
c 273	10	33.3	61	9	BX962889	BX962889	Forward s
274	10	33.3	61	9	CG610089	CG610089	OST292363
c 275	10	33.3	61	9	CG642930	CG642930	OST379957
276	10	33.3	61	9	CG671053	CG671053	OST472357
277	10	33.3	61	9	CG732768	CG732768	1119150H0
278	10	33.3	61	9	CG732769	CG732769	1119150H0
279	10	33.3	61	9	CG732776	CG732776	1119150H0
280	10	33.3	62	6	CB366019	CB366019	ZF001-P00
281	10	33.3	62	7	CN863537	CN863537	000919AAL
282	10	33.3	62	9	TA55E04P	TA55E04P	AL455786 T. brucei
c 283	10	33.3	62	9	CG612328	CG612328	OST298426
c 284	10	33.3	62	9	CG615546	CG615546	OST306157
c 285	10	33.3	62	9	CG618381	CG618381	OST313038
286	10	33.3	62	9	CG624195	CG624195	OST327300
287	10	33.3	62	9	CG662501	CG662501	OST446343
c 288	10	33.3	62	9	CL436533	CL436533	PST3207-N
289	10	33.3	63	1	AU076494	AU076494	AU076494
c 290	10	33.3	63	2	AW151032	AW151032	xg43g10.x
c 291	10	33.3	63	2	AW556735	AW556735	L0272F06-
c 292	10	33.3	63	4	BG280571	BG280571	c4g07np.r
293	10	33.3	63	6	CB366094	CB366094	ZF001-P00
c 294	10	33.3	63	6	CF001741	CF001741	QBG6a05.p

295	10	33.3	63	8	AZ478351	AZ478351	1M0298B23
c 296	10	33.3	63	8	AZ813519	AZ813519	2M0080P15
297	10	33.3	63	9	CG670922	CG670922	OST471885
c 298	10	33.3	64	1	AA866011	AA866011	oh30g11.s
c 299	10	33.3	64	1	AA870188	AA870188	vq12h07.r
300	10	33.3	64	1	AA073314	AA073314	mm84f03.r
c 301	10	33.3	64	1	AI644582	AI644582	vv19a10.x
302	10	33.3	64	2	BE239299	BE239299	SWOvL2CAS
303	10	33.3	64	4	BI097392	BI097392	SWOv3MCAM
304	10	33.3	64	6	CB355671	CB355671	ZF001-P00
305	10	33.3	64	6	CF001742	CF001742	QBG6a05.x
c 306	10	33.3	64	7	Z21403	Z21403	HSAAAEBXR T
307	10	33.3	64	8	AF107437	AF107437	AF107437 AF107437
c 308	10	33.3	64	8	AZ440550	AZ440550	1M0231I12
c 309	10	33.3	64	8	B44936	B44936	HS-1060-A2-
310	10	33.3	64	8	BH855695	BH855695	SALK_0847
311	10	33.3	64	9	CG524299	CG524299	OST98120
312	10	33.3	64	9	CG527719	CG527719	OST105952
313	10	33.3	64	9	CG549567	CG549567	OST153388
314	10	33.3	64	9	CG626290	CG626290	OST334064
315	10	33.3	64	9	CG631855	CG631855	OST348989
316	10	33.3	64	9	CG669942	CG669942	OST467582
317	10	33.3	64	9	CG708423	CG708423	CG708423 1119009C0
c 318	10	33.3	65	1	AI741061	AI741061	wg08a04.x
c 319	10	33.3	65	8	AZ339907	AZ339907	1M0071P02
320	10	33.3	65	8	B36173	B36173	HS-1038-A1-
321	10	33.3	65	9	CG546761	CG546761	OST146689
322	10	33.3	65	9	CG576158	CG576158	OST210668
323	10	33.3	65	9	CG615376	CG615376	OST305246
c 324	10	33.3	65	9	CG708241	CG708241	CG708241 1119008B0
c 325	10	33.3	66	1	AI523518	AI523518	ar73g03.x
c 326	10	33.3	66	1	AU259021	AU259021	AU259021 AU259021
c 327	10	33.3	66	7	CN926996	CN926996	000529AEP
c 328	10	33.3	66	8	AZ509413	AZ509413	1M0352B21
c 329	10	33.3	66	9	BX291369	BX291369	Arabidops
c 330	10	33.3	66	9	BX958507	BX958507	Reverse s
331	10	33.3	66	9	CR131171	CR131171	Reverse s
332	10	33.3	66	9	CG518437	CG518437	CG518437 OST79948
333	10	33.3	66	9	CG520344	CG520344	CG520344 OST85516
334	10	33.3	66	9	CG590041	CG590041	CG590041 OST242990
c 335	10	33.3	67	9	AL755754	AL755754	AL755754 Arabidops
c 336	10	33.3	67	9	AL761696	AL761696	AL761696 Arabidops
c 337	10	33.3	67	9	HSMC14B12	X88383	H. sapiens D
c 338	10	33.3	67	9	CG538472	CG538472	CG538472 OST128511
339	10	33.3	67	9	CG667606	CG667606	OST461522
340	10	33.3	67	9	CG670839	CG670839	CG670839 OST471710
c 341	10	33.3	67	9	AG200632	AG200632	Pan trogl
342	10	33.3	68	1	AI993123	AI993123	701495377
c 343	10	33.3	68	6	C00130	C00130	HUMGS000576
344	10	33.3	68	8	AZ640966	AZ640966	AZ640966 1M0503D15
c 345	10	33.3	68	9	DME545554	AJ545554	Drosophil
c 346	10	33.3	68	9	CG520006	CG520006	CG520006 OST84665
c 347	10	33.3	68	9	CG576022	CG576022	CG576022 OST210377
348	10	33.3	68	9	CG576686	CG576686	CG576686 OST211700
349	10	33.3	68	9	CG625081	CG625081	CG625081 OST329896
c 350	10	33.3	68	9	CG633206	CG633206	CG633206 OST352613
c 351	10	33.3	68	9	CG642503	CG642503	CG642503 OST378626

352	10	33.3	68	9	CG667402	CG667402 OST460377
353	10	33.3	68	9	CG670588	CG670588 OST470989
c 354	10	33.3	69	1	AU259778	AU259778 AU259778
c 355	10	33.3	69	5	BQ759611	BQ759611 EBpi03_SQ
356	10	33.3	69	6	CD964347	CD964347 SEB_45 Ge
357	10	33.3	69	6	CD965415	CD965415 SEJ_82 Ge
358	10	33.3	69	8	AZ434020	AZ434020 1M0220P08
c 359	10	33.3	69	9	AL756396	AL756396 Arabidops
360	10	33.3	69	9	CG552987	CG552987 OST165018
361	10	33.3	69	9	CG588881	CG588881 OST240385
362	10	33.3	69	9	CG617320	CG617320 OST310685
363	10	33.3	69	9	CG634541	CG634541 OST355719
364	10	33.3	69	9	CG667359	CG667359 OST460183
365	10	33.3	69	9	CG671114	CG671114 OST472580
366	10	33.3	69	9	L48742	L48742 HUMAG Chrom
367	10	33.3	70	1	AI038934	AI038934 ox96h11.x
c 368	10	33.3	70	1	AI158435	AI158435 ud28a09.r
c 369	10	33.3	70	1	AJ695998	AJ695998 AJ695998
370	10	33.3	70	1	AA405878	AA405878 zu57a12.r
371	10	33.3	70	2	BF507147	BF507147 23113P-8a
372	10	33.3	70	4	BM874227	BM874227 laa03f04.
373	10	33.3	70	6	CB366119	CB366119 ZF001-P00
374	10	33.3	70	7	CO051872	CO051872 Mdfw2055p
c 375	10	33.3	70	7	F30042	F30042 HSPD20287 H
c 376	10	33.3	70	7	R85465	R85465 yo36c09.s1
377	10	33.3	70	8	AZ766459	AZ766459 1M0564K05
c 378	10	33.3	70	8	AZ783528	AZ783528 2M0025D20
c 379	10	33.3	70	8	BZ378535	BZ378535 SALK_1082
c 380	10	33.3	70	9	CR172136	CR172136 Reverse s
381	10	33.3	70	9	CC795960	CC795960 SALK_0889
c 382	10	33.3	70	9	CG583915	CG583915 OST226604
383	10	33.3	70	9	CG629920	CG629920 OST344160
c 384	10	33.3	70	9	CL302269	CL302269 G055A03 G
385	10	33.3	70	9	CL609958	CL609958 CH240_177
386	10	33.3	70	9	AG191620	AG191620 Pan trogl
c 387	10	33.3	71	1	AA285873	AA285873 vb83a08.r
388	10	33.3	71	6	CB362820	CB362820 ZF001-P00
389	10	33.3	71	6	CD947025	CD947025 REX_102 G
390	10	33.3	71	6	CD948840	CD948840 SAH_203 G
391	10	33.3	71	6	CD965171	CD965171 SEH_48 Ge
392	10	33.3	71	8	BH853855	BH853855 SALK_0783
c 393	10	33.3	71	9	CG481727	CG481727 OST14348
394	10	33.3	71	9	CG497870	CG497870 OST38726
395	10	33.3	71	9	CG538409	CG538409 OST128382
396	10	33.3	71	9	CG590017	CG590017 OST242945
397	10	33.3	71	9	CG636866	CG636866 OST361916
398	10	33.3	71	9	CG667393	CG667393 OST460310
399	10	33.3	71	9	CG669889	CG669889 OST467379
400	10	33.3	71	9	CG670957	CG670957 OST471981
401	10	33.3	71	9	CG671211	CG671211 OST472855
402	10	33.3	71	9	CL522379	CL522379 DAK2H06 F
403	10	33.3	72	1	AA911104	AA911104 ok67g02.s
404	10	33.3	72	4	BI520673	BI520673 603071655
405	10	33.3	72	9	AL767765	AL767765 Arabidops
406	10	33.3	72	9	CG486608	CG486608 OST21723
c 407	10	33.3	72	9	CG516011	CG516011 OST73617
408	10	33.3	72	9	CG582199	CG582199 OST223154

c	409	10	33.3	72	9	CG623893	CG623893	OST326599
	410	10	33.3	72	9	CG629888	CG629888	OST343805
	411	10	33.3	72	9	CG652502	CG652502	OST415742
	412	10	33.3	72	9	CG668898	CG668898	OST465271
	413	10	33.3	72	9	CG670246	CG670246	OST469347
	414	10	33.3	72	9	CG670707	CG670707	OST471267
	415	10	33.3	73	1	AA861849	AA861849	ak39c02.s
	416	10	33.3	73	1	AA882117	AA882117	vx36e03.r
	417	10	33.3	73	1	AI001729	AI001729	os97h08.s
c	418	10	33.3	73	1	AA209193	AA209193	zq65h01.s
	419	10	33.3	73	2	BF018550	BF018550	ux79a02.y
c	420	10	33.3	73	6	CD954223	CD954223	SBN_335 G
c	421	10	33.3	73	7	CK725926	CK725926	SWWbL3CAW
	422	10	33.3	73	7	CN194470	CN194470	rg94h08.y
c	423	10	33.3	73	7	D78241	D78241	D78241 EST
c	424	10	33.3	73	8	AZ922003	AZ922003	HRCot1G05
	425	10	33.3	73	9	CR036233	CR036233	Reverse s
c	426	10	33.3	73	9	CC556388	CC556388	CH240_464
c	427	10	33.3	73	9	CG616166	CG616166	OST307978
	428	10	33.3	73	9	CG635724	CG635724	OST358737
	429	10	33.3	73	9	CG669028	CG669028	OST465599
	430	10	33.3	73	9	CG887123	CG887123	RRS786 Ba
	431	10	33.3	73	9	CL522380	CL522380	DAK2B07 F
c	432	10	33.3	73	9	CL522380	CL522380	DAK2B07 F
	433	10	33.3	74	1	AA920993	AA920993	vy17g06.r
c	434	10	33.3	74	1	AI253431	AI253431	aq15e04.x
	435	10	33.3	74	1	AV841003	AV841003	AV841003 AV841003
	436	10	33.3	74	2	BF036474	BF036474	601460229
c	437	10	33.3	74	4	BG272690	BG272690	nah35f11.
	438	10	33.3	74	5	BQ590385	BQ590385	E012843-0
	439	10	33.3	74	5	BU642621	BU642621	mgmk012x0
	440	10	33.3	74	5	BU644286	BU644286	mgmk019xP
	441	10	33.3	74	5	BU828350	BU828350	K021P42P
	442	10	33.3	74	8	BZ288759	BZ288759	SALK_0221
	443	10	33.3	74	9	TA267E10P	AL484721	T. brucei
	444	10	33.3	74	9	CG522682	CG522682	OST92642
	445	10	33.3	74	9	CG590391	CG590391	OST243779
	446	10	33.3	74	9	CG595313	CG595313	OST254650
	447	10	33.3	75	1	AI049212	AI049212	ub39g11.r
	448	10	33.3	75	1	AA419240	AA419240	zv35a03.r
	449	10	33.3	75	6	CB352524	CB352524	ZF001-P00
	450	10	33.3	75	7	H60692	H60692	yr53a11.r1
	451	10	33.3	75	8	AZ317978	AZ317978	1M0036P22
	452	10	33.3	75	8	BH000503	BH000503	2M0288J24
c	453	10	33.3	75	9	AL938564	AL938564	Arabidops
	454	10	33.3	75	9	BX948448	BX948448	Arabidops
	455	10	33.3	75	9	CG624439	CG624439	OST328179
	456	10	33.3	75	9	CG669655	CG669655	OST466791
	457	10	33.3	75	9	CG671027	CG671027	OST472244
c	458	10	33.3	75	9	CL658354	CL658354	PRI0131b_
	459	10	33.3	75	9	AG264551	AG264551	Lotus cor
	460	10	33.3	76	1	AA711088	AA711088	vt55e05.r
	461	10	33.3	76	1	AI433822	AI433822	th81h08.x
c	462	10	33.3	76	1	AI857308	AI857308	wl50g09.x
	463	10	33.3	76	1	AA208799	AA208799	mu68b03.r
c	464	10	33.3	76	1	AA265054	AA265054	mx90e08.r
	465	10	33.3	76	1	AV847451	AV847451	AV847451

c 466	10	33.3	76	1	AA511320	AA511320 vj22d01.r
467	10	33.3	76	1	AA574909	AA574909 vm37a09.r
c 468	10	33.3	76	4	BM441464	BM441464 EBma05_SQ
469	10	33.3	76	5	BU649192	BU649192 1112077D0
470	10	33.3	76	9	AL762406	AL762406 Arabidops
471	10	33.3	76	9	AL762407	AL762407 Arabidops
472	10	33.3	76	9	AL762420	AL762420 Arabidops
473	10	33.3	76	9	AL762421	AL762421 Arabidops
c 474	10	33.3	76	9	AL938362	AL938362 Arabidops
c 475	10	33.3	76	9	BX136213	BX136213 Danio rer
c 476	10	33.3	76	9	BX660275	BX660275 Arabidops
477	10	33.3	76	9	CR170055	CR170055 Reverse s
478	10	33.3	76	9	CC884439	CC884439 SALK_1130
479	10	33.3	76	9	CG527186	CG527186 OST104796
c 480	10	33.3	76	9	CG528474	CG528474 OST107878
481	10	33.3	76	9	CG576928	CG576928 OST212161
482	10	33.3	76	9	CG625503	CG625503 OST331452
483	10	33.3	76	9	CG668456	CG668456 OST464397
484	10	33.3	76	9	CG670073	CG670073 OST468205
485	10	33.3	76	9	CG671092	CG671092 OST472505
c 486	10	33.3	76	9	AG023278	AG023278 Oryza sat
487	10	33.3	77	2	AW251006	AW251006 2821163.3
488	10	33.3	77	2	AW251008	AW251008 2821207.3
489	10	33.3	77	5	BQ759248	BQ759248 EBpi01_SQ
c 490	10	33.3	77	6	CA848629	CA848629 ip37c01.y
491	10	33.3	77	7	CN864829	CN864829 000930AAL
492	10	33.3	77	8	BH233122	BH233122 1006171G0
c 493	10	33.3	77	8	BH894647	BH894647 3526_1_2_
c 494	10	33.3	77	9	BX003974	BX003974 Arabidops
495	10	33.3	77	9	CG525449	CG525449 OST100505
496	10	33.3	77	9	CG595224	CG595224 OST254372
497	10	33.3	77	9	CG595597	CG595597 OST255519
498	10	33.3	77	9	CG669061	CG669061 OST465669
c 499	10	33.3	78	1	AA415010	AA415010 vc50e05.r
500	10	33.3	78	1	AA512518	AA512518 vj18h04.r
501	10	33.3	78	1	AA591891	AA591891 vi48h04.r
c 502	10	33.3	78	5	BQ753820	BQ753820 EBca01_SQ
503	10	33.3	78	6	CB352248	CB352248 ZF001-P00
c 504	10	33.3	78	7	CK101830	CK101830 F122P85.5
c 505	10	33.3	78	7	T61776	T61776 yb93g04.r1
506	10	33.3	78	8	AF219010	AF219010 AF219010
507	10	33.3	78	8	AZ478512	AZ478512 1M0298E07
c 508	10	33.3	78	9	AL953578	AL953578 Arabidops
509	10	33.3	78	9	CG646063	CG646063 OST391452
510	10	33.3	78	9	CG666858	CG666858 OST457998
511	10	33.3	78	9	CG667546	CG667546 OST461353
512	10	33.3	78	9	AG188058	AG188058 Pan trogl
513	10	33.3	79	1	AA922367	AA922367 oh91b11.s
514	10	33.3	79	1	AA097928	AA097928 mn82c03.r
c 515	10	33.3	79	1	AI958773	AI958773 fc96h07.y
516	10	33.3	79	1	AU076908	AU076908 AU076908
c 517	10	33.3	79	6	CB298729	CB298729 220024_re
518	10	33.3	79	6	CB353980	CB353980 ZF001-P00
c 519	10	33.3	79	6	CD958921	CD958921 SCS_191 G
520	10	33.3	79	7	CF776705	CF776705 jaa34a04.
521	10	33.3	79	7	CK095805	CK095805 UA29DPG03
c 522	10	33.3	79	7	CK108090	CK108090 G094P30 P

C	523	10	33.3	79	7	F29628	F29628 HSPD19615 H
	524	10	33.3	79	8	AF107409	AF107409 AF107409
	525	10	33.3	79	8	AZ595784	AZ595784 1M0408C08
	526	10	33.3	79	9	CG591254	CG591254 OST245635
	527	10	33.3	79	9	CG631900	CG631900 OST349140
	528	10	33.3	79	9	CG645460	CG645460 OST390074
	529	10	33.3	79	9	CG667363	CG667363 OST460189
	530	10	33.3	79	9	CG669035	CG669035 OST465612
	531	10	33.3	79	9	CG670346	CG670346 OST469939
	532	10	33.3	79	9	CG670715	CG670715 OST471281
	533	10	33.3	79	9	CG777900	CG777900 1123011G0
	534	10	33.3	79	9	CL315446	CL315446 RRU393 Ba
	535	10	33.3	80	4	BI943534	BI943534 sq33d05.y
	536	10	33.3	80	9	CG562298	CG562298 OST184624
	537	10	33.3	80	9	CG576772	CG576772 OST211864
	538	10	33.3	80	9	CG611726	CG611726 OST297093
C	539	10	33.3	80	9	CG615531	CG615531 OST306061
	540	10	33.3	80	9	CG666444	CG666444 OST456506
	541	10	33.3	80	9	CG670369	CG670369 OST470084
	542	10	33.3	80	9	CL301943	CL301943 P016G05 G
	543	10	33.3	80	9	CL459641	CL459641 XT0822 Sa
	544	10	33.3	81	1	AI787014	AI787014 ui84d11.y
	545	10	33.3	81	1	AL788980	AL788980 AL788980
C	546	10	33.3	81	1	AV967376	AV967376 AV967376
C	547	10	33.3	81	5	BU650453	BU650453 1112086H1
C	548	10	33.3	81	5	BW508604	BW508604 BW508604
	549	10	33.3	81	6	CB352254	CB352254 ZF001-P00
C	550	10	33.3	81	8	AZ322741	AZ322741 1M0043010
C	551	10	33.3	81	9	CG489705	CG489705 OST26533
C	552	10	33.3	81	9	CG626128	CG626128 OST333726
	553	10	33.3	81	9	CG666662	CG666662 OST457097
	554	10	33.3	81	9	CG666811	CG666811 OST457814
C	555	10	33.3	82	1	AA219976	AA219976 mv65b08.r
C	556	10	33.3	82	1	AA425898	AA425898 zw17g06.s
C	557	10	33.3	82	5	BW507855	BW507855 BW507855
	558	10	33.3	82	6	CB051402	CB051402 NISC_gj24
	559	10	33.3	82	6	CB359974	CB359974 ZF001-P00
C	560	10	33.3	82	7	CF353192	CF353192 lab63b09.
C	561	10	33.3	82	7	CF354965	CF354965 lab65c09.
	562	10	33.3	82	8	AZ785032	AZ785032 2M0028I04
C	563	10	33.3	82	8	B36238	B36238 HS-1038-A2-
	564	10	33.3	82	8	BH849547	BH849547 SALK_0698
	565	10	33.3	82	9	TA198G09Q	AL477822 T. brucei
	566	10	33.3	82	9	CG556104	CG556104 OST171349
C	567	10	33.3	82	9	CG664917	CG664917 OST452659
	568	10	33.3	82	9	CG666930	CG666930 OST458433
	569	10	33.3	82	9	CG667184	CG667184 OST459509
	570	10	33.3	82	9	CG669778	CG669778 OST467037
	571	10	33.3	82	9	CL210626	CL210626 F014F01 G
	572	10	33.3	82	9	CL518484	CL518484 DAE4D05 F
	573	10	33.3	83	1	AA784289	AA784289 d4b05a1.f
C	574	10	33.3	83	4	BJ063432	BJ063432 BJ063432
	575	10	33.3	83	6	CA848338	CA848338 ip37c01.x
C	576	10	33.3	83	6	CD422225	CD422225 laa76e09.
	577	10	33.3	83	7	CN867978	CN867978 001130AAN
	578	10	33.3	83	8	AZ655703	AZ655703 1M0530M16
C	579	10	33.3	83	8	AZ970988	AZ970988 2M0244N15

	580	10	33.3	83	8	BH216785	BH216785 1006046D0
	581	10	33.3	83	8	BZ290719	BZ290719 SALK_0911
c	582	10	33.3	83	9	CR147210	CR147210 Reverse s
	583	10	33.3	83	9	CR308603	CR308603 Medicago
	584	10	33.3	83	9	CC530743	CC530743 CH240_407
	585	10	33.3	83	9	CG531994	CG531994 OST115379
	586	10	33.3	83	9	CG556690	CG556690 OST172483
	587	10	33.3	83	9	CG556781	CG556781 OST172675
	588	10	33.3	83	9	CG589032	CG589032 OST240697
	589	10	33.3	83	9	CG667733	CG667733 OST461910
	590	10	33.3	83	9	CG670595	CG670595 OST470999
	591	10	33.3	83	9	CG671017	CG671017 OST472196
	592	10	33.3	83	9	CG671207	CG671207 OST472828
	593	10	33.3	84	1	AA072567	AA072567 mm74f10.r
c	594	10	33.3	84	2	BE324081	BE324081 NF013B12P
c	595	10	33.3	84	2	BE654145	BE654145 UI-M-AN1-
	596	10	33.3	84	5	BW505735	BW505735 BW505735
	597	10	33.3	84	6	CF024789	CF024789 QBS8g02.x
c	598	10	33.3	84	7	CF660881	CF660881 CcLL10a33
	599	10	33.3	84	8	AZ401951	AZ401951 1M0169I01
	600	10	33.3	84	9	CG571232	CG571232 OST200752
	601	10	33.3	84	9	CG593746	CG593746 OST251193
c	602	10	33.3	84	9	CG614772	CG614772 OST303345
	603	10	33.3	84	9	CG630094	CG630094 OST345016
	604	10	33.3	84	9	CG667579	CG667579 OST461438
	605	10	33.3	84	9	CG670955	CG670955 OST471968
	606	10	33.3	84	9	AG199786	AG199786 Pan trogl
	607	10	33.3	85	1	AA654654	AA654654 nt76b11.s
	608	10	33.3	85	1	AA717259	AA717259 vt01h07.r
	609	10	33.3	85	1	AV951577	AV951577 AV951577
	610	10	33.3	85	4	BG108925	BG108925 HRPE1881
c	611	10	33.3	85	8	BH411669	BH411669 1007023E0
	612	10	33.3	85	9	CR106082	CR106082 Forward s
c	613	10	33.3	85	9	CG538794	CG538794 OST129135
	614	10	33.3	85	9	CG542364	CG542364 OST136704
	615	10	33.3	85	9	CG589869	CG589869 OST242608
	616	10	33.3	85	9	CG631883	CG631883 OST349094
	617	10	33.3	85	9	CG666943	CG666943 OST458481
c	618	10	33.3	85	9	CG725812	CG725812 1119087A0
c	619	10	33.3	86	5	BQ131489	BQ131489 fz57a07.y
c	620	10	33.3	86	7	CN870123	CN870123 001204AAO
c	621	10	33.3	86	7	H55575	H55575 CHR220514 C
c	622	10	33.3	86	7	T60180	T60180 yb68b06.r1
c	623	10	33.3	86	8	B07634	B07634 CDC1c10 Cri
	624	10	33.3	86	8	BH849542	BH849542 SALK_0698
c	625	10	33.3	86	9	BX217232	BX217232 Danio rer
c	626	10	33.3	86	9	BX465579	BX465579 INRA porc
c	627	10	33.3	86	9	CR124217	CR124217 Forward s
	628	10	33.3	86	9	CG614573	CG614573 OST302932
	629	10	33.3	86	9	CG667307	CG667307 OST460007
	630	10	33.3	86	9	CG667907	CG667907 OST462736
	631	10	33.3	86	9	CG669033	CG669033 OST465609
	632	10	33.3	87	2	AW567915	AW567915 si67b12.y
c	633	10	33.3	87	4	BM442356	BM442356 EBan01_SQ
	634	10	33.3	87	5	BQ755979	BQ755979 EBem05_SQ
c	635	10	33.3	87	8	AZ345632	AZ345632 1M0080H21
	636	10	33.3	87	8	AZ495191	AZ495191 1M0330M21

637	10	33.3	87	8	AZ511195	AZ511195	1M0356D12
c 638	10	33.3	87	8	AZ787069	AZ787069	2M0032K20
639	10	33.3	87	8	BH227373	BH227373	1006139E1
640	10	33.3	87	8	BH908744	BH908744	SALK_0503
641	10	33.3	87	9	AJ594128	AJ594128	Arabidops
c 642	10	33.3	87	9	FR0016556	AL007754	F.rubripe
643	10	33.3	87	9	CC545274	CC545274	CH240_427
c 644	10	33.3	87	9	CG518568	CG518568	OST80447
645	10	33.3	87	9	CG527592	CG527592	OST105666
646	10	33.3	87	9	CG557237	CG557237	OST173431
647	10	33.3	87	9	CG581521	CG581521	OST221873
648	10	33.3	87	9	CG667786	CG667786	OST462147
649	10	33.3	87	9	CG668267	CG668267	OST464057
650	10	33.3	87	9	CG669336	CG669336	OST466183
651	10	33.3	87	9	CG669661	CG669661	OST466808
652	10	33.3	87	9	CG670580	CG670580	OST470966
c 653	10	33.3	87	9	CL212640	CL212640	G047E07 G
654	10	33.3	88	1	AA688691	AA688691	vs18c05.r
c 655	10	33.3	88	1	AA895942	AA895942	vy36d03.r
656	10	33.3	88	1	AI601427	AI601427	fc11b05.x
657	10	33.3	88	1	AJ713001	AJ713001	AJ713001 AJ713001
658	10	33.3	88	1	AA474534	AA474534	vg94e02.r
659	10	33.3	88	5	BU643021	BU643021	mgmk014xA
c 660	10	33.3	88	6	CA904831	CA904831	PCSC11573
c 661	10	33.3	88	6	CB227056	CB227056	1Ru33H06
662	10	33.3	88	6	CD941265	CD941265	RBA_19 Ge
663	10	33.3	88	7	CN875610	CN875610	010218AAR
664	10	33.3	88	7	F37561	F37561	HSPD36443 H
665	10	33.3	88	8	AZ413718	AZ413718	1M0197E15
c 666	10	33.3	88	8	BZ385377	BZ385377	SALK_1371
c 667	10	33.3	88	9	CG480931	CG480931	OST13108
668	10	33.3	88	9	CG546072	CG546072	OST145067
669	10	33.3	88	9	CG556679	CG556679	OST172457
670	10	33.3	88	9	CG624325	CG624325	OST327716
671	10	33.3	88	9	CG646018	CG646018	OST391340
672	10	33.3	88	9	CG667323	CG667323	OST460061
673	10	33.3	88	9	CG670303	CG670303	OST469658
674	10	33.3	88	9	CG671014	CG671014	OST472184
675	10	33.3	88	9	CG887102	CG887102	RRS794 Ba
676	10	33.3	89	1	AA734898	AA734898	vs17a06.r
c 677	10	33.3	89	1	AA804881	AA804881	ob99a03.s
c 678	10	33.3	89	1	AU076699	AU076699	AU076699 AU076699
679	10	33.3	89	4	BG694814	BG694814	NISC_iv08
c 680	10	33.3	89	8	AZ783934	AZ783934	2M0026L04
681	10	33.3	89	8	CC326457	CC326457	XN390 Bay
682	10	33.3	89	9	CG556789	CG556789	OST172703
683	10	33.3	89	9	CG668411	CG668411	OST464311
684	10	33.3	89	9	CG670053	CG670053	OST468136
c 685	10	33.3	89	9	CL522695	CL522695	DAK5H07 F
c 686	10	33.3	90	1	AA668534	AA668534	ac49h02.s
687	10	33.3	90	1	AA929350	AA929350	vz41b11.r
688	10	33.3	90	6	CA390278	CA390278	cs108g03.
689	10	33.3	90	8	AZ919645	AZ919645	1006016A0
690	10	33.3	90	8	BH223861	BH223861	1006115D1
691	10	33.3	90	8	BZ761787	BZ761787	SALK_0813
692	10	33.3	90	9	CR113388	CR113388	Forward s
693	10	33.3	90	9	CG669272	CG669272	OST466069

694	10	33.3	90	9	CG670006	CG670006 OST467867
695	10	33.3	90	9	CG670499	CG670499 OST470758
c 696	10	33.3	90	9	CG774959	CG774959 1123022B0
697	10	33.3	91	1	AV959539	AV959539 AV959539
c 698	10	33.3	91	2	AW156221	AW156221 se21b03.y
c 699	10	33.3	91	5	BQ758162	BQ758162 EBma01_SQ
c 700	10	33.3	91	9	CR018008	CR018008 Reverse s
701	10	33.3	91	9	CR028603	CR028603 Reverse s
c 702	10	33.3	91	9	CR139919	CR139919 Forward s
c 703	10	33.3	91	9	TA222B07Q	AL480686 T. brucei
704	10	33.3	91	9	CG588180	CG588180 OST238714
705	10	33.3	91	9	CG589848	CG589848 OST242568
706	10	33.3	91	9	CG595067	CG595067 OST253963
707	10	33.3	91	9	CG669350	CG669350 OST466217
708	10	33.3	91	9	CG669941	CG669941 OST467580
709	10	33.3	92	1	AA159407	AA159407 zo78a04.r
c 710	10	33.3	92	2	AW306753	AW306753 sf47h07.y
c 711	10	33.3	92	9	BX986846	BX986846 Forward s
712	10	33.3	92	9	CNS026HB	AL183368 Tetraodon
c 713	10	33.3	92	9	CNS03PVC	AL255153 Tetraodon
714	10	33.3	92	9	CG563920	CG563920 OST187604
715	10	33.3	92	9	CG568300	CG568300 OST195200
716	10	33.3	92	9	CG574130	CG574130 OST206678
717	10	33.3	92	9	CG611429	CG611429 OST296434
718	10	33.3	92	9	CG617483	CG617483 OST311100
719	10	33.3	92	9	CG671105	CG671105 OST472535
c 720	10	33.3	92	9	CL517406	CL517406 DAC8H05 F
c 721	10	33.3	92	9	CL517562	CL517562 SAA5A01 F
c 722	10	33.3	93	1	AL874852	AL874852 AL874852
723	10	33.3	93	2	AW770041	AW770041 hk57a03.x
724	10	33.3	93	6	CB827240	CB827240 LjNEST72c
c 725	10	33.3	93	7	D42322	D42322 D42322 Rice
726	10	33.3	93	8	AF039815	AF039815 AF039815
727	10	33.3	93	9	DME545082	AJ545082 Drosophil
728	10	33.3	93	9	CG591196	CG591196 OST245519
729	10	33.3	93	9	CG640783	CG640783 OST374264
730	10	33.3	93	9	CG650712	CG650712 OST408706
731	10	33.3	93	9	CG666884	CG666884 OST458177
732	10	33.3	93	9	CG668344	CG668344 OST464210
733	10	33.3	93	9	CG669782	CG669782 OST467048
734	10	33.3	93	9	CG670518	CG670518 OST470821
735	10	33.3	93	9	CL523410	CL523410 SAN7H06 F
736	10	33.3	94	1	AI122238	AI122238 uc60c03.r
737	10	33.3	94	1	AI363926	AI363926 qw34a04.x
c 738	10	33.3	94	1	AI522531	AI522531 fb21d07.x
c 739	10	33.3	94	2	BF222532	BF222532 7p54a08.x
c 740	10	33.3	94	2	BF222598	BF222598 7p56c09.x
c 741	10	33.3	94	8	AZ316864	AZ316864 1M0035H09
742	10	33.3	94	8	AZ650579	AZ650579 1M0520P18
c 743	10	33.3	94	8	AZ869666	AZ869666 2M0181D21
744	10	33.3	94	9	CG590093	CG590093 OST243077
c 745	10	33.3	94	9	CG616268	CG616268 OST308191
746	10	33.3	94	9	CG668232	CG668232 OST463978
747	10	33.3	95	1	AI037576	AI037576 ub53g05.r
c 748	10	33.3	95	2	AW270414	AW270414 xp75d05.x
749	10	33.3	95	4	BI317779	BI317779 saf06d09.
750	10	33.3	95	6	CB351800	CB351800 ZF001-P00

c	751	10	33.3	95	6	CB470059	CB470059	sn15_G08.
	752	10	33.3	95	7	CN752159	CN752159	ApHL3SD-X
	753	10	33.3	95	7	CN935692	CN935692	000303AVB
	754	10	33.3	95	8	AF149590	AF149590	AF149590
	755	10	33.3	95	9	LBAF027H09	BX543529	Leishmani
	756	10	33.3	95	9	CC885312	CC885312	SALK_1468
	757	10	33.3	95	9	CG536508	CG536508	OST124522
	758	10	33.3	95	9	CG624798	CG624798	OST329242
	759	10	33.3	95	9	CG667522	CG667522	OST461257
	760	10	33.3	95	9	CG669833	CG669833	OST467189
c	761	10	33.3	96	1	AA100908	AA100908	zn24a06.s
c	762	10	33.3	96	4	BG792372	BG792372	UTSW_H34C
c	763	10	33.3	96	4	BG817166	BG817166	UTSW_H18A
	764	10	33.3	96	4	BJ001073	BJ001073	BJ001073
	765	10	33.3	96	4	BM148347	BM148347	TCAAP2D10
	766	10	33.3	96	5	BQ565964	BQ565964	gi48f07.y
	767	10	33.3	96	5	BQ570023	BQ570023	gi142h11.
	768	10	33.3	96	5	BQ586461	BQ586461	S014460-0
c	769	10	33.3	96	7	CK108528	CK108528	I032P16 P
c	770	10	33.3	96	8	BZ288403	BZ288403	SALK_0217
	771	10	33.3	96	9	CG557423	CG557423	OST173766
	772	10	33.3	96	9	CG669804	CG669804	OST467109
	773	10	33.3	97	1	AA648867	AA648867	ns37g08.s
	774	10	33.3	97	1	AI756476	AI756476	EtESTea15
	775	10	33.3	97	1	AV914575	AV914575	AV914575
	776	10	33.3	97	2	AW230298	AW230298	up28g12.y
c	777	10	33.3	97	2	BE200490	BE200490	ug63g02.x
	778	10	33.3	97	5	BU887410	BU887410	R059C02 P
c	779	10	33.3	97	6	CF043322	CF043322	QCJ15f02.
c	780	10	33.3	97	7	CF380595	CF380595	lac49b04.
	781	10	33.3	97	7	W13267	W13267	mb31f09.r1
	782	10	33.3	97	8	CC035248	CC035248	3591_1_73
	783	10	33.3	97	9	DR1C9T	DR1C9T	AL742696 Danio rer
c	784	10	33.3	97	9	TA90G02Q	TA90G02Q	AL459890 T. brucei
	785	10	33.3	97	9	CG667794	CG667794	CG667794 OST462205
	786	10	33.3	97	9	CG667818	CG667818	CG667818 OST462316
	787	10	33.3	97	9	CG668039	CG668039	CG668039 OST463371
	788	10	33.3	97	9	CG670516	CG670516	CG670516 OST470818
c	789	10	33.3	98	1	AA471778	AA471778	vg96a08.r
	790	10	33.3	98	2	AW566021	AW566021	EST00013
c	791	10	33.3	98	7	CN870330	CN870330	001204AAO
c	792	10	33.3	98	7	T60962	T60962	yc46c01.r1
	793	10	33.3	98	8	AQ988931	AQ988931	26A1A04NE
c	794	10	33.3	98	8	AZ759860	AZ759860	1M0553G02
c	795	10	33.3	98	9	CR396685	CR396685	Arabidops
	796	10	33.3	98	9	TA162F06P	TA162F06P	AL472468 T. brucei
c	797	10	33.3	98	9	CC491773	CC491773	CH240_325
c	798	10	33.3	98	9	CG500261	CG500261	CG500261 OST43029
	799	10	33.3	98	9	CG504720	CG504720	CG504720 OST53048
c	800	10	33.3	98	9	CG517773	CG517773	CG517773 OST78575
	801	10	33.3	98	9	CG540874	CG540874	CG540874 OST133471
	802	10	33.3	98	9	CG667428	CG667428	CG667428 OST460708
	803	10	33.3	98	9	CG669792	CG669792	CG669792 OST467073
	804	10	33.3	98	9	CG670036	CG670036	CG670036 OST468077
	805	10	33.3	98	9	CG670060	CG670060	CG670060 OST468152
	806	10	33.3	98	9	CG670860	CG670860	CG670860 OST471752
	807	10	33.3	98	9	CL234181	CL234181	CL234181 02S0288-0

c	808	10	33.3	99	1	AJ666936	AJ666936	AJ666936
	809	10	33.3	99	1	AV960230	AV960230	AV960230
c	810	10	33.3	99	2	AW059901	AW059901	50_comp15
c	811	10	33.3	99	2	AW823405	AW823405	uf60g05.x
	812	10	33.3	99	4	BG058142	BG058142	nah21b08.
	813	10	33.3	99	4	BI416410	BI416410	LjNEST3d3
c	814	10	33.3	99	5	BU744047	BU744047	mah95d05.
	815	10	33.3	99	6	CA587001	CA587001	LBG26p32
c	816	10	33.3	99	8	AZ481171	AZ481171	1M0303E13
	817	10	33.3	99	8	AZ821790	AZ821790	2M0094009
	818	10	33.3	99	8	AZ946034	AZ946034	2M0207G07
	819	10	33.3	99	8	BH226809	BH226809	1006134H0
	820	10	33.3	99	9	CG475200	CG475200	OST3418 M
	821	10	33.3	99	9	CG556697	CG556697	OST172503
	822	10	33.3	99	9	CG640420	CG640420	OST373107
	823	10	33.3	99	9	CG667424	CG667424	OST460633
	824	10	33.3	99	9	CG669897	CG669897	OST467413
	825	10	33.3	99	9	CG670978	CG670978	OST472071
	826	10	33.3	99	9	CG671301	CG671301	OST473196
	827	10	33.3	100	1	AA657678	AA657678	nt82f12.s
	828	10	33.3	100	1	AI082549	AI082549	ox58a02.s
	829	10	33.3	100	1	AI374471	AI374471	ME000807.
c	830	10	33.3	100	1	AI507467	AI507467	vl44c07.x
c	831	10	33.3	100	1	AA207901	AA207901	mv84f08.r
c	832	10	33.3	100	1	AA237743	AA237743	mx77a06.r
	833	10	33.3	100	2	BF736374	BF736374	PM4-KT000
	834	10	33.3	100	2	BF741551	BF741551	CM4-HB002
c	835	10	33.3	100	2	AW850609	AW850609	IL3-CT021
	836	10	33.3	100	2	BE130029	BE130029	945035C01
c	837	10	33.3	100	2	BE376323	BE376323	601228693
c	838	10	33.3	100	4	BG392617	BG392617	602410851
c	839	10	33.3	100	4	BG910769	BG910769	602810458
	840	10	33.3	100	4	BI139198	BI139198	F126P21Y
	841	10	33.3	100	5	BQ256063	BQ256063	NISC_jq09
c	842	10	33.3	100	5	BQ761511	BQ761511	EBro08_SQ
c	843	10	33.3	100	5	BU818372	BU818372	UA29DPG03
c	844	10	33.3	100	5	BW176975	BW176975	BW176975
	845	10	33.3	100	6	CB210216	CB210216	OML00496
	846	10	33.3	100	6	CB366608	CB366608	ZF001-P00
c	847	10	33.3	100	6	CD633183	CD633183	56038174J
c	848	10	33.3	100	6	CF025684	CF025684	QCA1e02.y
	849	10	33.3	100	6	CF031373	CF031373	QCD3h11.y
c	850	10	33.3	100	7	H39035	H39035	yp65g02.s1
c	851	10	33.3	100	8	BZ382774	BZ382774	SALK_1188
	852	10	33.3	100	9	CG666813	CG666813	OST457826
	853	10	33.3	100	9	CG666977	CG666977	OST458637
	854	10	33.3	100	9	CG667347	CG667347	OST460160
	855	10	33.3	100	9	CG668865	CG668865	OST465211
	856	10	33.3	100	9	CG670833	CG670833	OST471688
	857	10	33.3	100	9	CG671341	CG671341	OST473325
c	858	10	33.3	100	9	CG729247	CG729247	1119110B0
c	859	10	33.3	100	9	CG731464	CG731464	1119140G1